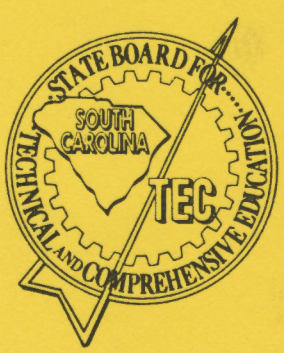
The South Carolina State Board For Technical And Comprehensive Education



Annual Report

FISCAL YEAR 1983-84

111 Executive Center Drive
Columbia, South Carolina

The South Carolina State Board For Technical And Comprehensive Education

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G. William Dudley Jr.
Executive Director

P. Henderson Barnett
Chairman

TABLE OF CONTENTS

INTRODUCTION

August, 1984

To His Excellency, Governor Richard W. Riley Jr., Chairman of the State Budget and Control Board and Members of the South Carolina General Assembly.

During the past fiscal year, technical education has offered training for South Carolinians seeking profitable job opportunities and more marketable job skills. Many workers became displaced as cutbacks and layoffs took place in industry.

Our technical colleges rallied to provide citizens in their service areas with job skill evaluations, interviewing skills and confidence to train for other job opportunities.

Through our operating budget of $112,726,668, TEC supported Special Schools for new and expanding industry, continued cooperation with the State Development Board to recruit industry, supported administration of the 16 technical colleges, and initiated or expanded job training programs.

The six Resource Centers have been active this fiscal year providing workshops for faculty, staff, students, business and industry. Our Resource Centers in Computer Applications, Robotics, Microelectronics, Advanced Machine Tool Technology, and Advanced Office Occupations and the Water Quality Institute are making their impact on the TEC system and the state.

TEC continues on its mission to train citizens for known job opportunities. TEC will continue to offer training and expand our programs to meet the growing demands of industry and business in South Carolina.

Sincerely,

P. HENDERSON BARNETT
Chairman

1983-84
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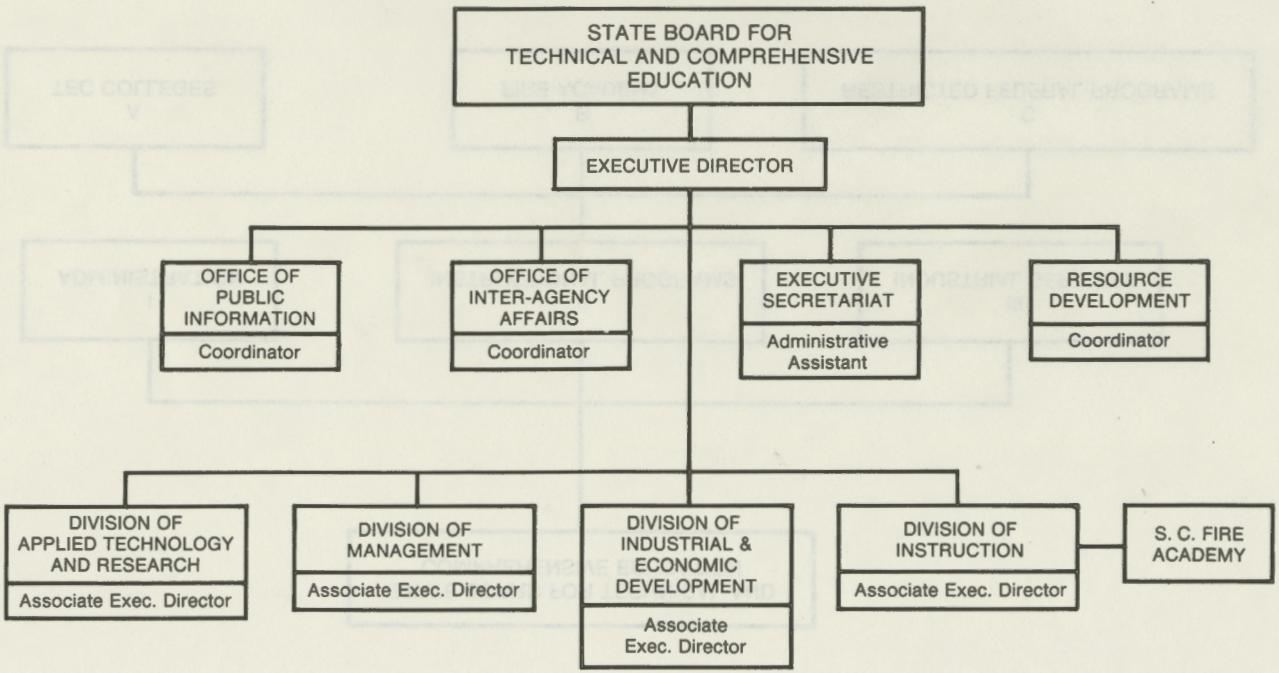
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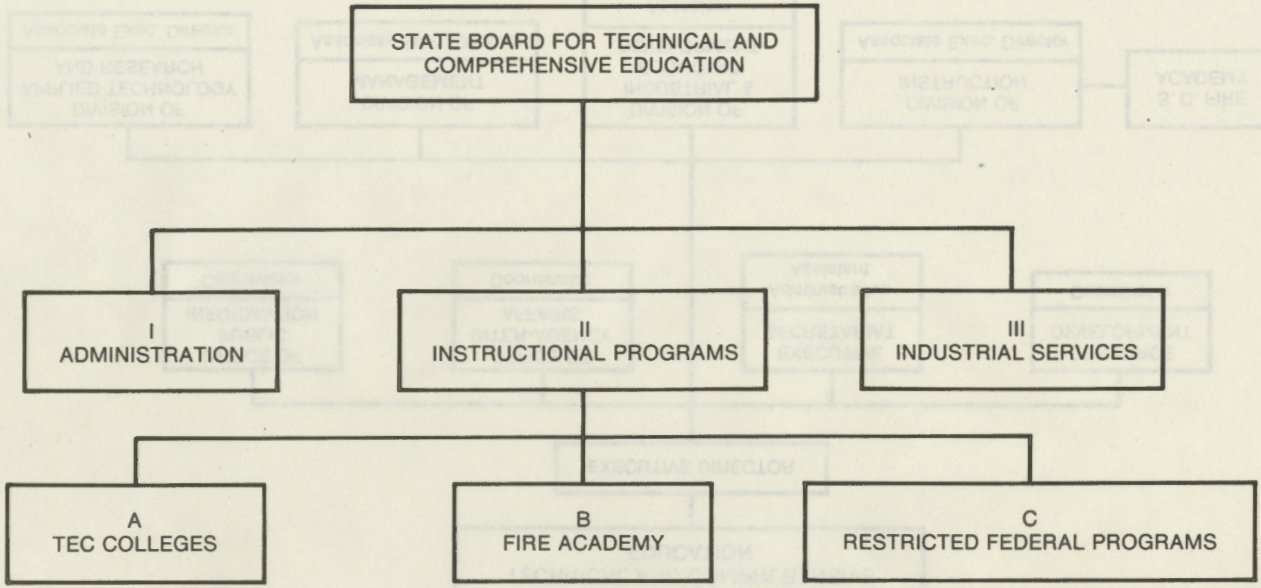
STATE BOARD FOR TECHNICAL AND COMPREHENSIVE EDUCATION
I
ADMINISTRATION
II
INSTRUCTIONAL PROGRAMS
III
INDUSTRIAL SERVICES
A
TEC COLLEGES
B
FIRE ACADEMY
C
RESTRICTED FEDERAL PROGRAMS

DESCRIPTION OF PROGRAMS — PROGRAM CHART

I. Administration

The State Board for Technical and Comprehensive Education is required by statute to carry out specific responsibilities relating to the efficient management of a postsecondary occupational training program in South Carolina. These specific responsibilities include long-range planning as well as policy insuring educational and fiscal accountability for the TEC colleges. Additional support functions include the coordination of personnel administration, grants development, public information and interagency affairs. The efforts of the State Board staff are focused towards carrying out legislative mandates, policies of the state and TEC Board, and providing service to the TEC institutions. Program services to be provided consist of day-to-day maintenance of management systems, on-call demand services, peer group meetings, and periodic workshop and seminar activities.

II. Instructional Programs

A. *TEC Colleges*

This function contains the organized institutional programs of the agency. It includes sixteen (16) postsecondary educational colleges located throughout the state. The colleges represent a cooperative effort of state and local government working together to provide training for local citizens. The colleges offer special certificates, one- and two-year diplomas, and associate degree occupational education programs in a broad range of categories.

Also, continuing education is closely oriented to the community job market. The colleges operate within the policies, guidelines and procedures of the State TEC Board and are administered locally by area commissions.

B. *Fire Academy*

The South Carolina Fire Academy offers off-campus as well as on-campus training programs to firefighters (paid, volunteer and industrial) around the state. The Fire Academy operates under the State Board for Technical and Comprehensive Education.

The Academy is composed of five divisions: Firefighter Development, Fire Officer Development, Fire Instructor Development, Fire Investigator/Inspector/Public Fire Education, and Industrial Fire Training.

Courses offered on-campus within the Firefighter Development

Division include Firefighting Essentials I and II, respiratory protection practices, standard pumper test, pumper operations and standpipe operations. All of these courses (except Essentials I and II) are offered in the field as well as the basic firefighting fundamentals course.

C. *Restricted Federal Programs*

The State Board for Technical and Comprehensive Education is the responsible agency for all classroom training under the Job Training Partnership Act. This training is provided in a variety of occupational disciplines — welding, production machine operation, LPN, bookkeeping, maintenance mechanic, carpentry, retail sales, electricity, sheet metal, auto body repair, auto mechanic, machine tool operator, etc., as well as developmental education for those who need it before they can enter one of the regular courses. This instructional subprogram addresses the training needs of a particular socio-economic group that requires job-entry skills. Also under this category are specific federal grants and matching funds that provide adjunct support to the state-funded training programs.

III. Industrial Services

This division is responsible for the design, implementation and supervision of training programs for the initial labor force for new and expanding industry. Further, the Industrial Services division provides industrial relations support to established industry through identification of training needs of the technical colleges.

PERTINENT FACTS ABOUT TECHNICAL EDUCATION

History: TEC was begun in 1961 to stimulate economic growth in South Carolina through the provision of occupational training for the people. Demands from employers and students led to the development of agriculture, business, engineering, health related, industrial/occupational and public service careers curricula that are offered through the 16 statewide TEC colleges. TEC exists to meet the needs of South Carolina and her people.

Awards: Associate degrees, diplomas and certificates are presented to students successfully completing a prescribed program of study.

Faculty: Instructors at TEC come from a variety of educational and industrial backgrounds. Many teach on a full-time basis, while others instruct part-time. They are encouraged to continue their education by

pursuing various new courses, in-service training and by returning to industry to stay abreast of current trends. A competent faculty and up-to-date curricula are prerequisites of an effective technical education program.

Areas of Study: Agricultural technologies, business technologies, engineering technologies, health-related technologies, industrial/occupational technologies, public service technologies, and continuing education.

DESIGN FOR THE EIGHTIES UPDATE

The following is a summary of activity for the fiscal year 1983-84 reported by the six Resource Centers:

ADVANCED OFFICE OCCUPATIONS RESOURCE CENTER — MIDLANDS TEC

Center Personnel: Attended 13 workshops and seminars. Attended six other product shows or demonstrations. Visited three colleges or business schools.

Business Industry Training: Total of 115 participants attended one- to three-day training courses. Additional contract with Fort Jackson — 80 people.

Faculty/Staff Training: Total of 366 faculty/staff received training of one-half to three days.

Curriculum Development: A new word processing concentration, under the secretarial science program, was implemented, involving six courses with support training manuals. Resource Center moved to Harbison and combined with the Information Management Center.

Visitors and Consultation: Total of 242 individuals visited the Resource Center. Consultation provided to 18 organizations, in addition to TEC colleges.

WATER QUALITY INSTITUTE — SUMTER AREA TEC

Center Personnel: Engel named director in December 1983. Construction of new facility complete. Attended 10 conferences and sessions to participate in water and pollution control training issues. Addressed the South Carolina Water and Pollution Control Association on national issues. Appointed to Examination Development Committee and Continuing Education for the S. C. Board of Certification.

Business/Industry Training: Total of 292 people attended five training courses. Ten additional courses scheduled during calendar year. EPA grant enabled training and technical assistance to be provided to 15 wastewater facilities.

Curriculum Development: Brochures and handouts developed for public schools and interested groups. Seven courses outlined and lesson plans developed.

ADVANCED MACHINE TOOL RESOURCE CENTER — GREENVILLE TEC

Center Personnel: Director attended three out-of-state seminars and industrial upgrading visits. Instructors attended eight seminars and training programs.

Business/Industry Training: Total of 59 participants in five workshops.

Faculty/Staff Training: Personnel from 14 TEC colleges attended five workshops.

Curriculum Development: Three new courses developed and three dropped from the curriculum. Course descriptions written for all courses in the electrical maintenance programs.

Visitors and Consultation: 114 people from 20 states and 16 colleges during AM84; 276 individuals from 16 companies; 44 individuals from 10 colleges; 466 students from 14 vocational and high schools; 143 individuals from 10 business and civic groups; 80 counselors from 40 high schools; 10 industrial prospects.

ROBOTICS RESOURCE CENTER — PIEDMONT TEC

Center Personnel: Attended five national or regional conferences. Visited eight companies in other states and South Carolina and two colleges out of state. Two new staff members (Ed Young and Bill Ware) hired.

Business/Industry Training: Total of 790 people attended presentations made to 12 groups. Total of 214 people participated in one-day to one-week workshops on- and off-campus.

Curriculum Development: Continuing to assist other TEC colleges interested in starting automated manufacturing programs. Has been invited to participate with national committee on robotics technician training competencies. Has been invited to compete in U.S. Department of Education outstanding program competition.

Visitors and Consultation: Total of 482 visitors, including 194 students

from 19 high schools; 18 individuals from nine industries; 30 government officials; 240 local residents.

COMPUTER APPLICATIONS RESOURCE CENTER — YORK TEC

Center Personnel: Participated in White House Conference on Productivity. Industrial visits to Sharp Electronics in Japan, GM and Chrysler assembly plants. Average one visit per month to industry. Served on local and state advisory committees.

Business/Industry Training: Total of 400 participants attended. Average of one workshop, seminar or presentation per month.

Faculty/Staff Training: Total of 264 individuals from TEC colleges attended; average at least one presentation per month.

Curriculum Development: Heating and A/C curriculum was updated. Office occupations word processing lab was networked to VAX to introduce electronic mail. Electronic mail capability now available to all TEC colleges. TECNET newsletter distributed monthly to share information on new hardware, software and training facilities.

Visitors and Consultation: Total of 80 visitors. Consultation provided to TEC colleges at rate of eight per month during year and to South Carolina business and industry at rate of four per month during year.

Equipment: 64 new microcomputers purchased for use at York TEC. Software capability also expanded.

MICROELECTRONICS RESOURCE CENTER — TRI-COUNTY TEC

Center Personnel: Spangenberg named new director. Visits made to 11 technical colleges to provide needs assessment to new director. Visits made to six out-of-state industries and to College of San Mateo in California.

Business/Industry Training: Letters and seminar schedules for summer offerings mailed to 800 South Carolina industries and 1,000 individuals in upper part of state. Two in-plant workshops developed for industry.

Faculty/Staff Training: Workshops provided for personnel at Piedmont, Spartanburg and Tri-County Technical Colleges. Nine two- to four-day seminars developed.

Curriculum Development: Established working relationship with College of San Mateo to use its industry-proven, in-house training method of interactive video. Will become test site for new training material.

TECHNICAL COLLEGE CAMPUSES

1. Paul L. Blowers, *President*
   Aiken Technical College
   Post Office Drawer 696
   Aiken, South Carolina 29801
   Phone: 593-9231

2. George W. Goldsmith Jr., *President*
   Beaufort Technical College
   100 South Ribaut Road
   Beaufort, South Carolina 29902
   Phone: 524-3380

3. Ronald W. Hampton, *President*
   Chesterfield-Marlboro Technical College
   Post Office Drawer 1007
   Cheraw, South Carolina 29520
   Phone: 537-5286

4. John W. Henry Jr., *President*
   Denmark Technical College
   Denmark, South Carolina 29042
   Phone: 793-3301

5. Fred C. Fore, *President*
   Florence-Darlington Technical College
   Post Office Drawer 8000
   Florence, South Carolina 29501
   Phone: 662-8151

6. Thomas E. Barton Jr., *President*
   Greenville Technical College
   Post Office Box 5616, Station B
   Greenville, South Carolina 29606
   Phone: 242-3170

7. D. Kent Sharples, *President*
   Horry-Georgetown Technical College
   Post Office Box 1966, Highway 501
   Conway, South Carolina 29526
   Phone: 347-3186

8. James R. Morris Jr., *President*
   Midlands Technical College
   Post Office Box 2408
   Columbia, South Carolina 29202
   Airport Campus:
   West Coumbia, South Carolina 29169
   Beltline Campus:
   316 Beltline Boulevard
   Columbia, South Carolina 29205
   Harbison Campus:
   Irmo, South Carolina 29063
   Phone: 738-1400

9. M. Rudy Groomes, *President*
   Orangeburg-Calhoun Technical College
   3250 St. Matthews Road, N.E.
   Orangeburg, South Carolina 29115
   Phone: 536-0311

10. Lex D. Walters, *President*
    Piedmont Technical College
    Post Office Drawer 1467
    Greenwood, South Carolina 29646
    Phone: 223-8357

11. Joe D. Gault, *President*
    Spartanburg Technical College
    Post Office Drawer 4386
    Spartanburg, South Carolina 29305
    Phone: 576-5770

12. James L. Hudgins, *President*
    Sumter Area Technical College
    506 North Guignard Drive
    Sumter, South Carolina 29150
    Phone: 778-1961

13. Don C. Garrison, *President*
    Tri-County Technical College
    Post Office Box 587
    Pendleton, South Carolina 29670
    Phone: 646-8361

14. William A. Orth, *President*
    Trident Technical College
    Post Office Box 10367
    Charleston, South Carolina 29411
    North Campus:
    7000 Rivers Avenue
    North Charleston, South Carolina 29406
    Palmer Campus:
    125 Bull Street
    Charleston, South Carolina 29401
    Phone: 572-6111

15. John T. Wynn, *President*
    Williamsburg Technical College
    601 Lane Road
    Kingstree, South Carolina 29556
    Phone: 354-7423

16. Baxter M. Hood, *President*
    York Technical College
    U.S. Highway By-pass 21-A
    Rock Hill, South Carolina 29730
    Phone: 324-3130

THE DIVISION OF INDUSTRIAL AND ECONOMIC DEVELOPMENT

The division provides startup training assistance programs statewide to help prepare citizens for new production jobs being created by new and expanding manufacturing plants. Those programs are called Special Schools. During the period July 1983 through June 1984, 5,331 trainees completed Special Schools programs for 103 different plants.

When an industrial firm makes a decision to locate a plant in the state or to expand an existing plant, an industrial training consultant from the division is assigned to manage the training program. Working in close coordination with the company, the consultant designs, develops and conducts recruitment, selection and training programs for trainees.

The division works closely with the State Development Board and others in the "Industrial Development Ally Group" within the state to help attract and promote new jobs by making presentations on services available from the TEC system to prospective employers.

Also, the division maintains an ongoing communication linkage with industries throughout the state by periodic calls by industrial service representatives. In addition to identifying needs for TEC system training services, other pertinent information is provided to industries from other state sources, and collected data that is of importance in promoting economic development is forwarded to the State Development Board.

The Industrial and Economic Development Division embodies the overall purpose and mission of TEC and its efforts to help provide more and better job opportunities for the people of South Carolina.

The following is a list of Special Schools conducted by TEC during fiscal year 1983-84:

Special Schools
July 1983 through June 1984

Company	*City*	*County*	*Number Trained*
Airco Carbon	Ridgeville	Dorchester	76
Alco Manufacturing	Anderson	Anderson	20
Alumax	Goose Creek	Berkeley	32
American Hoechst Corp.	Greer	Greenville	26
American Scissors	Spartanburg	Spartanburg	72
Anchor Swan Corp.	Easley	Pickens	44
Arrow Automotive Ind.	Spartanburg	Spartanburg	20
Ashley Corp.	Rock Hill	York	36
Atlantic Aviation	Greenville	Greenville	14
Avco	Greer	Greenville	73
Avondale Mills	Walhalla	Oconee	149
CR Bard	Moncks Corner	Berkeley	30
Bendix (Amphenol)	Columbia	Richland	44
Bennett Pump Company	Rock Hill	York	8
Boise Cascade	Chester	Chester	29
Borden Snacks	Spartanburg	Spartanburg	42
Bosch Corp.	Summerville	Dorchester	115
Brown Boveri	West Columbia	Lexington	22
Carmel Manufacturing	Pageland	Chesterfield	12
Carolina Casuals	Georgetown	Georgetown	12
Carolina Throwing	Spartanburg	Spartanburg	24
Cateechee Yarns	Central	Pickens	27
Chesterfield Webbing	Chesterfield	Chesterfield	47
Cincinnati Milacron	Fountain Inn	Greenville	26
Clark Hill Manufacturing	McCormick	McCormick	20
Conbraco Industries	Conway	Horry	28
Cooper Air Tools	Lexington	Lexington	43
Dan River (Beattie Plant)	Fountain Inn	Greenville	46
Dan River	Easley	Pickens	110
Darrah Industries	Conway	Horry	15
David's of Dillon	Dillon	Dillon	44
Dayco Corp.	Walterboro	Colleton	19
Dayco Corp.	Williston	Barnwell	31
Dennison Packaging SC	Clinton	Laurens	18
Digital Equipment Corp.	Greenville	Greenville	85
Dove Knitwear	Andrews	Georgetown	6
DuPont (SRP)	Aiken	Aiken	256
Edgefield Cotton Yarns	Edgefield	Edgefield	38
Eurodrive	Lyman	Spartanburg	16
Fairfield Manufacturing	Westminster	Oconee	16
FMC Corp.	Aiken	Aiken	64
FMK-USA	Greenville	Greenville	20
Foxcroft	Walterboro	Colleton	32
Gemco	Varnville	Hampton	21
GEN III	Fountain Inn	Laurens	16
General Carbide	Ridgeland	Jasper	3
General Electric (Med. Sys. Div.)	Florence	Florence	24
Golden Food Inc.	Rock Hill	York	20
Gorham Bronze	Aiken	Aiken	47
Greenwood Mills (Blalock #14)	Joanna	Laurens	2
Greenwood Mills (Harris Plant)	Greenwood	Greenwood	52

Hess Associates Inc.	Duncan	Spartanburg	25
Homemaker Rugs	N. Charleston	Charleston	20
Hoover Universal	N. Charleston	Charleston	20
International Paper	Georgetown	Georgetown	336
JOMAC	Manning	Clarendon	15
Lake City Manufacturing	Lake City	Florence	35
Lakewood Plantation	Nesmith	Williamsburg	57
Laural Manufacturing	Greenville	Greenville	15
L'eggs Products	Florence	Florence	50
Lockheed Georgia	Charleston	Charleston	48
Marathon Boats	Kershaw	Lancaster	15
MCM Electronic Test Center	Great Falls	Chester	36
MET Originals	Anderson	Anderson	4
Monsanto Company	Moore	Spartanburg	124
Mueller Company	Clinton	Laurens	23
National Tool	Greenville	Greenville	13
National Twist Drill & Tool	Lexington	Lexington	50
National Twist Drill & Tool	Loris	Horry	12
NCR	Liberty	Pickens	72
Norris Industries	Newberry	Newberry	128
Orian Rugs	Anderson	Anderson	7
Phoenix Glove	Andrews	Williamsburg	32
Pontiac Foods	Pontiac	Richland	88
Pratt-Read	Central	Pickens	7
Precision Sintered Metals	Rock Hill	York	12
Precision Tool & Machine	Beaufort	Beaufort	13
Renfield Manufacturing	Westminster	Oconee	175
Roper Outdoor Products	Orangeburg	Orangeburg	97
Seabrook Inc	Anderson	Anderson	6
St. Andrews Fancy Yarns	Cowpens	Spartanburg	12
A. O. Smith Corp.	MCBee	Chesterfield	148
Spartanburg County Industries	Cowpens	Spartanburg	4
Spring Ind. (Grace Finishing)	Lancaster	Lancaster	61
Steel Heddle	Westminster	Oconee	18
JP Stevens (Appleton Plant)	Anderson	Anderson	22
JP Stevens	Seneca	Oconee	38
JP Stevens (White Horse #1)	Greenville	Greenville	23
Stone Manufacturing	Salem	Oconee	54
Stone Manufacturing	Walhalla	Oconee	346
Stouffer Foods	Gaffney	Cherokee	345
Summit Rubber Company	Summerville	Dorchester	13
Tara of the South	Manning	Clarendon	24
Tasco	Calhoun Falls	Abbeville	6
True Temper	Anderson	Anderson	60
Turbeville Sportswear	Turbeville	Clarendon	15
Union Camp	Eastover	Richland	258
Union Camp (Bag Division)	Spartanburg	Spartanburg	83
United Technologies	Columbia	Richland	52
Wellman Industries	Johnsonville	Florence	45
Westinghouse	Pendleton	Anderson	15
Wheelabrator-Frye	Walterboro	Colleton	30
Whitlock Wool Combing Co.	Allendale	Allendale	32

Total number of students trained during this period	5,331
Total number of companies served during this period	103
Total number of trainees from September 1961-June 1984	86,069
Total number of companies served from September 1961-June 1984	734

DEPARTMENT OF EMPLOYMENT TRAINING

During the period October 1, 1983 through June 30, 1984 (a special transition period of only nine months), the Department of Employment Training continued to be the primary deliverer of training funded by the Job Training Partnership Act — JTPA (formerly the Comprehensive Employment Training Act — CETA), through the Division of Employment and Training, Office of the Governor. Training under this Act is contracted for by the State Board for Technical and Comprehensive Education. The department arranges with the local technical colleges to conduct the training, then reimburses the college for all costs. Activities conducted under JTPA are divided into two categories. Title II-A of the Act serves adult and youth who are disadvantaged and/or unemployed. Title III — Dislocated Workers is designed to serve those persons whose jobs are terminated due to plant or facility closings or a reduction in force by their employers.

During the nine-month transition period from CETA to JTPA, TEC, through the Department of Employment Training, received funds totaling $6 million. Activity under Title II-A was primarily developmental education and skill training classes. However, there were several special purpose activities, such as a program for youth still in high school, a Women's Career Development Program, and a Re-entry Program for educational drop-outs. During the period, TEC served 3,122 people in these activities.

Activities under Title III — Dislocated Workers were more comprehensive in nature and included assisting persons who had lost their jobs to cope with this crisis in their lives, assessing their abilities and aptitudes, helping plan their future careers, assisting them in finding employment, and offering them training to prepare them for new jobs. During the nine-month period, TEC served 1,247 people in these activities.

Of those terminated from the two programs between October 1, 1983 and June 30, 1984, 70 percent entered employment. Under Title II-A, more than 150 courses were conducted, and a Title III — Dislocated Workers Program was conducted at 14 of the 16 colleges in the system. Courses conducted under Title II-A varied from a 12-week retail sales class to a two-year associate degree nursing program. The Dislocated Workers Program conducted by TEC has received national recognition, and the program at several of the colleges received individual recognition in national publications and at national conferences.

Although the activity is not directly coordinated through the Department of Employment Training, it should be noted that the Division of Employment and Training of the Office of the Governor is making JTPA funds available to the Division of Instruction at TEC to implement TEC's

nationally recognized developmental studies program in the high schools of South Carolina. These funds will amount to approximately $.9 million over the next several years.

The mission of the TEC system is to train people for jobs. The Department of Employment Training, through the administration of activities funded by the Jobs Training Partnership Act, is enabling TEC to train a special segment of the population at no cost to TEC or to the State of South Carolina.

SUMMARY OF MAJOR ACCOMPLISHMENTS BY COLLEGES

The sixteen technical colleges offer programs in seven different cluster areas: agriculture, allied health, business, engineering technology, industrial technology, public service, and college transfer. Presently 138 different programs are offered; these are duplicated at the sixteen colleges, bringing the total number of program offerings statewide to 545.

Programs range from certificates of twelve quarter credits to two-year degree programs in the emerging high technology fields. Evidence of TEC's involvement in high technology programs is reflected by recent approvals of a nuclear technology program at Spartanburg TEC and automated manufacturing technology programs at Piedmont TEC and Greenville TEC.

During the last reporting period, 117 certificate programs were activated, and 26 diploma programs and 44 degree programs were added to the system. Over the same time period, nine one-year diploma, three two-year diploma, and nine degree programs no longer met the needs of local communities and were cancelled. Other programs are under review and will be cancelled if it is determined there is no need for them to continue.

The first phase of TEC academic course articulation with the senior public colleges resulted in 40 TEC courses being accepted by all public senior colleges. Through one-on-one negotiations, many other TEC courses are now accepted by various senior colleges. Academic course articulation is a continuing effort.

During 1983-84, TEC graduated 1,770 one-year diploma students, of which 84.2 percent were placed in jobs related to their education or continued their education. There were 432 two-year diploma graduates, of which 88.2 percent were placed on jobs related to their education or continued in school. There were 3,789 associate degree graduates, with 84.9 percent being placed on jobs or continuing their education. There were 141 associate in arts and science graduates, with 91 percent continuing their education.

During the reporting period, TEC had 6,082 graduates statewide, with 85 percent being placed on jobs related to their education or continuing their education.

1981-82 Evaluation (Latest Available):

	Grads	*Jobs*	*Sch*	*Total*	*Pct.*	*AVL*
1-Year	1770	1212	186	1398	84.2*	1661
2-Year	432	315	52	367	88.2	415
Deg.	3739	2644	338	2982	84.9	3514
AA/AS	141	40	82	122	91.0	134
Total	6082	4211	658	4869	85.0	5725

*Pct. = $\frac{\text{Tot}}{\text{Avl}}$

AIKEN TECHNICAL COLLEGE

Aiken Technical College experienced an overall 6.2 percent increase in FTE enrollment in technical education programs during fiscal year 1983-84. The most significant increases were realized in business and industrial technologies. More than 4,500 students were served by the college during the fiscal year. There were 153 graduates, and 94 percent were either working in job-related fields or pursuing additional educational goals.

Advancements in technology have stimulated the acquisition of new equipment to enhance each academic division. Office occupations students now use DECmate IIs for training in word processing.

In the nuclear technology program, videotapes valued at $70,000 were purchased for less than $5,000 from NUS Corporation. This purchase enables the NT program at the college to be the most current in the Southeast. Also, computer-assisted instruction (CAI) was developed for the NT program.

Programmable controllers and robots were implemented in the electro-mechanical program, along with PET Commodore microcomputers in the electronic and electro-mechanical labs.

Additional state-of-the-art equipment was acquired for the industrial division, with a computer wheel balancer in the automotive program, programmable controllers in the electricity program, and computer graphics in the industrial drafting program. A 300 kv x-ray welding unit for nondestructive testing was installed for the welding program to make it a unique program in the state.

Donations to the college were significant for the machine tool program, with Rieter donating machine tools valued at $1,000 and Allied General donating tooling and measuring equipment totaling $15,000 in value.

One of the most innovative training techniques developed by the college was a mobile microcomputer laboratory. This refurbished Winnebago houses 10 Compaq microcomputers for on-site industry training.

Contract training include programs for welding, maintenance, electronics and machining at DuPont; maintenance at Owens Corning; and geometric tolerance at E-Z Go. Forty-three companies and organizations were served in occupational advancement. More than 177,000 contact hours were generated through continuing education.

On-line registration was implemented at the college to enhance student registration. Other internal accomplishments included computerization of the payroll and general ledger in the business office.

More than 300 companies (a 54 percent increase) listed job opportunities with the college, and 135 students were placed (a 64 percent increase).

The Aiken Technical College Foundation experienced its most successful year since its inception. New officers were selected, and two new board members were appointed.

After having served the state and the TEC system for 14 years, President Ashley J. Little retired in 1984. Dr. Paul L. Blowers of Centralia, Illinois became the second president of Aiken Technical College on July 1, 1984, after an extensive search. His selection was made by the area commission from a field of 147 applicants.

BEAUFORT TECHNICAL COLLEGE

Beaufort Technical College served an unduplicated headcount of 4,052 students during the 1983-84 academic year, an increase of 10.53 percent over the past year. The increase includes 1,921 in curriculum programs, with the remainder of 2,131 enrolling in continuing education programs.

To meet the need for increased private-sector fund-raising, the Beaufort Technical College Foundation began operation this past year. In November 1983, the 24-member board of trustees met and elected officers, approved the by-laws for the organization, and received its charter. The foundation is in the process of undertaking a development study using consultant assistance to help set financial goals, identify potential volunteers and donors, and establish a strategy for fund-raising.

With the closing of a local Levi-Strauss plant, the company announced a $1,000 planning grant to Beaufort Technical College for its displaced workers as an aid in establishing a career assessment and training program. A portion of the grant will also be used to apply for a larger Levi-Strauss Foundation Community Grant of $8,000-$15,000 to be combined with a grant award of $64,179 through the Job Training Partnership Act (JTPA) displaced workers program.

The architectural firm of McNair, Johnson and Associates of Columbia has been approved by the State TEC Board and the State Engineer's office to design the new $1.8 million Learning Resources Center building on the Beaufort TEC campus. Construction of the building is expected to begin

the latter part of 1984.

The computer data processing department has added two new computer labs, in addition to its 16-station Digital lab. One lab contains 15 IBM Personal Computers that will support courses in BASIC programming, in addition to word processing. The other is a demonstration lab comprised of computers from various vendors, including Apple, Wang, Radio Shack and Digital. In addition, the State Department of Education has approved Beaufort Technical College's computer courses for teacher certification in business education for certification renewal purposes.

In the fall quarter of 1983, Beaufort Technical College opened the Hilton Head Center for the island's many residents. The facility contains an office, several classrooms and a computer lab containing 12 Digital computers and four printers. Four multiplexers link the Hilton Head lab to the Beaufort campus' Digital VA422/750 mini-computer by telephone lines.

Beaufort TEC's special services program received $83,855 for the 1984-85 year to be used for counselling services, educational materials, travel workshops and a writing lab for first-generation college students to help improve their retention.

Beaufort TEC has received notification of its third-year award (1984-85) of a four-year grant under Title III of the Higher Education Act. The college will receive $391,913 for the year beginning October 1, which will be matched by $43,535 from the college.

The college is currently in the process of implementing a new program in its student development division entitled ASSET (Assessment of Skills for Successful Entry and Transfer). The program, developed by American College Testing (ACT), will be a system for student assessment, orientation, advisement and retention.

Other significant accomplishments for the year at Beaufort TEC include the following:

- Co-sponsored with the Hilton Head Island Chamber of Commerce a Computer Fair and Automated Office Exhibit.
- Graduated the first class of associate degree nurses. Ninety-four percent passed the state nursing exam.
- Co-sponsored with the Equal Employment Task Force a career job fair on the grounds of Beaufort TEC, giving the public the opportunity to meet over 30 local employers to discuss career options.
- Instituted the state's first American Concrete Institute (ACI) certification program for concrete field testing technician-grade I.
- Reinstated the hospitality management program.
- Completed the first year of a three-year Upward Bound program for high school students from six area high schools.
- Worked with the Small Business Administration and the local Cham-

ber of Commerce through the Small Business Training Network by giving a series of seminars, short courses and self-study programs in Beaufort and Hilton Head.

- Offered computer programming and word processing courses at the Hampton Extension.
- Implemented a new program called The Lowcountry Area Adult Retraining Program in conjunction with the Beaufort Job Service and the Hampton and Colleton County Development Boards for unemployed adult workers.
- Received a 1983-84 Title III grant award of $443,831 to expand the college's administrative use of computers, to support new instructional majors in computer data processing and electronics technology, and to expand competency-based instruction in college programs.

CHESTERFIELD-MARLBORO TECHNICAL COLLEGE

Chesterfield-Marlboro Technical College celebrated its fifteenth anniversary during 1983-84 — a year highlighted by the development of new courses, implementation of a college-wide planning effort, and the upgrading of facilities.

New courses were developed in English, computer data processing, secretarial science, machine tool technology, and industrial maintenance. A complete word processing program, including both dedicated and microcomputer-based equipment, was implemented this year. The college's computer data processing curriculum continued to grow, and microcomputers were also integrated into a number of other curriculum areas across the campus, including math, developmental studies, and engineering graphics.

A specialized program of contract training in electrical and mechanical maintenance was implemented for employees of Stevens, Incorporated.

Short-term training was provided for local businesses and industries in the areas of computer programming, supervisory development training, clerical upgrading and others. In addition, a number of one- to three-day seminars have been conducted, including a working women's seminar, senior citizens' day, and seminars on injury, money management and other topics.

Throughout the year, the administration, faculty and staff have been engaged in an in-depth planning effort, funded by a Title III planning grant from the U.S. Department of Education. Activities have included surveys of students, employees and various segments of the service area population, along with seminars and work sessions on the mission, goals and objectives of the institution.

Physical plant upgrading activities have included the painting of

nearly all campus buildings, as well as the installation of a drainage system in several key areas of the campus. Several rooms were remodeled for maximum space utilization, and a student television lounge was completed as a joint project with the Chesterfield-Marlboro TEC Student Government Association.

DENMARK TECHNICAL COLLEGE

Denmark Technical College accomplished its major goals and objectives during the year, including the establishment of an area commission, staffing its learning and instructional resource center, and instituting a summer academic camp for high school students (tenth through twelfth grades) in computer science, basic science and mathematics. The college also increased enrollments in its new associate degree enhancement programs: computer data processing, general business, accounting, and human services. Diploma programs in climate control technology and machine tool technology were upgraded to the associate degree level.

A VAX 11/750 computer system was ordered to replace the college's VAX 11/730 to accommodate more effectively the increased demand in its academic, student and administrative services.

The AVT offerings in the secretarial science programs have been increased to include the following: filing, office procedures and shorthand. The increased offerings in the secretarial science program will begin in the fall quarter of 1984. Other AVT offerings will begin during the 1984-85 academic year. Currently, Typing I, II and III are being offered.

Over $100,000 was spent to complete the refurnishing of student dormitories. Also, on August 22, 1984, sealed bids were opened to determine the selection of the contractor to construct the college's new kitchen-cafeteria-lab. This construction is scheduled to start in September.

During the fiscal year, the Highway Department and the county's legislative delegate approved two major projects for the college: a perimeter road and a new access road from Highway 78.

During the fiscal year, the college continued its campus beautification project, which included the planting of new trees and shrubbery, three rose gardens and a campus park with a number of nature trails and pavilion.

The college re-submitted its application to the U.S. Department of Education, College Housing Program, for a long-term loan for the construction of new modular design dormitories, which will house 300 additional students and alleviate the present overcrowded conditions in existing dormitories.

FLORENCE-DARLINGTON TECHNICAL COLLEGE

Major emphasis in 1983-84 at Florence-Darlington Technical College was on high quality training programs, further development of the physical plant, and the acquisition of equipment and monies necessary to meet the challenges of training in high technology. Significant advances were made in these three areas.

In the area of training programs, the college has added two programs to begin during the fall quarter of 1984. The library technology program, offered in the division of business and general studies, is the first program of library technical training to be offered in the state. The library technical assistant will be qualified to assist librarians in the public or private sector. The legal assistant program is also a two-year course of study and will qualify the graduate to assist attorneys as a certified paralegal.

In addition, the college has placed emphasis on computer-assisted instruction in order to meet the high demands of business and industry. The self-paced computerized instruction gives students more freedom and the opportunity to work on their own.

Begun in 1983 and instituted on July 1, 1984, Florence-Darlington TEC instituted an administrative reorganization of the college. As a result of this reorganization, the management system of the college has been significantly strengthened. This has allowed Florence-Darlington TEC to streamline the management system and bring about a higher degree of effectiveness at a reduced cost. In this reorganization, the college has begun to adopt the grid management profile and style. Strong emphasis has been placed on the recommendations of advisory committees as we continue to provide graduates with the necessary skills needed to enter a highly competitive job market. In the area of continuing education, the college has added several field coordinators to assure that Florence-Darlington TEC is adequately serving the business, industry and agricultural sections of the Pee Dee economy.

FDTC has continued to grow in physical plant and site improvement. The traffic flow and parking improvements have been completed at a cost of $775,568. In early October, the college will officially open the new auto-diesel building. Expected completion date of the facility will be December 31, 1984. At a cost of $1,231,451, the building will house the auto-diesel program as well as various offices and laboratories. FDTC will be able to provide the latest training technologies to students in the auto-diesel field.

Finally, monies have been appropriated for the college to begin construction of an engineering learning resource facility. The projected completion date of this project is set for January 1, 1986 at a cost of $2,487,341.

Everyday it becomes more evident that the college will need new high technology equipment, expanded facilities, and an increased financial base to serve the Pee Dee area.

The year 1983-84 has been a banner year regarding support from the private sector. This has been accomplished through the continued growth of the Florence-Darlington Technical College Educational Foundation. Support of the foundation has been excellent. Numerous items have been either donated or purchased with funding provided by the private sector. The continued growth of the foundation is expected as the college looks forward to the 1984-85 year.

As Florence-Darlington TEC enters its third decade of technical training, the purpose of the college will not waver. The faculty, staff and administration recognize that quality cannot and will not be sacrificed for quantity. Florence-Darlington Technical College will continue as always to offer the best possible high technology training to the people of the Pee Dee area.

GREENVILLE TECHNICAL COLLEGE

The development and approval of new programs designed specifically to meet growing demands for training in certain areas were among highlights of the year at Greenville Technical College. Automated manufacturing technology, process control/instrumentation technology, and materials management are all new associate degree programs, and graduates will find excellent employment opportunities in a wide variety of businesses and industries. Communications art and technology is a new four-quarter certificate program that concentrates on the visual and graphic communications field. Graduates will be employed in advertising, design, printing, screen printing, sign and display arts, television and typography.

All these programs resulted from needs surveys conducted by advisory committees made up of specialists in the fields, who also worked to develop curricula, to specify equipment and facilities, and to help in staff selection. Students in all these new programs are being trained in the most up-to-date laboratories and on equipment that is recognized as suitable for the latest technologies.

Announcement was made in May of the location at Greenville Technical College of the General Motors Automotive Service Education Program (GM-ASEP). The college was one of only 24 selected nationwide to participate in this prestigious program and is the only one between Atlanta and Charlotte. Students will be sponsored by General Motors dealerships in a wide area while they are enrolled in this two-year program preparing to become highly skilled automotive technicians. Working approximately half-time in a dealership, they will be training

the remainder of the time on vehicles, tools and other components being supplied by General Motors. Some 200 people, including top officials from General Motors and local, state and national community and political leaders, were present for the public announcement of the program. Interest by dealers and prospective students has been extremely high, and the program will be in full operation in the fall quarter of 1984.

A new CAD/CAM (computer-aided design/computer-aided manufacturing) Center has been constructed as an addition to the engineering technology building on the Greenville TEC campus. This most recent facility addition houses high technology laboratories that are part of the progress being made to ensure that students are prepared to fill employers' demands for highly skilled graduates. In addition to the CAD/CAM labs, robotics and engineering graphics and other related labs are housed here. With the continuing upward spiral of training needs in high technologies and in automation, this three-quarter-million-dollar facility allows the easing of overcrowded classrooms and labs and makes the addition of several new programs possible.

One of the most successful cooperative ventures among state agencies was AM84, which was described as the "automated manufacturing event of the century" for the Southeast. As a host institution for AM84, Greenville Technical College had visitors from 21 states and two foreign countries on tours that were scheduled daily from Textile Hall. As a result of those tours, representatives from several states have made return visits to the campus, and college officials have received correspondence from several educators and industry representatives who are interested in the means of developing labs such as they saw at Greenville TEC.

In a unique academic arrangement, three universities are offering upper-division courses on the Greenville TEC campus. Clemson University offers courses leading to four-year degrees in four engineering disciplines and computer science, as well as courses leading to the bachelor of science in nursing, graduate-level accounting courses, and Air Force ROTC. The University of South Carolina at Spartanburg offers upper-division courses in criminal justice and nursing and an MBA program. The Medical University of South Carolina is now offering upper-division courses leading to the baccalaureate degree in dental hygiene, radiology and respiratory therapy, in addition to courses leading to the master's degree in health administration. The benefits from these arrangements are significant, as local students may now pursue their education beyond the associate degree without the time and cost of commuting to other locations.

The pharmacy technician program, initiated in the fall of 1983, has completed a highly successful first year, and a full enrollment is expected again in the fall of 1984. This nine-month certificate program serves

Greenville, Spartanburg, Anderson and Greenwood counties.

Greenville Technical College's progress in acquiring sophisticated equipment through donations, consignment and purchases continues to attract national attention. As a result, President Thomas E. Barton Jr. has accepted invitations throughout the year from educational institutions and associations across the country to describe the means by which this progress has been accomplished. With the topic "High Technologies and Education," he has spoken to the annual meeting of the American Vocational Association in Anaheim, California; the North Carolina/South Carolina Personnel Association in Myrtle Beach; the Presidents' Leadership Institute sponsored by North Carolina State University at a meeting in Hickory, North Carolina; a statewide staff development workshop for vocational and technical educators at the Center for Vocational Leadership at Georgia State University in Atlanta; and the annual meeting of advisory committees at Daytona Beach Community College in Daytona, Florida. Also during the year, Dr. Barton led a forum on "High Technology and the Community College" at the annual meeting of the American Association of Community and Junior Colleges in Washington. Assisting in the forum were Dr. Howard Turner, associate vice president for education at Greenville TEC, and Melvin Smith, director of the college's CAD/CAM Center.

HORRY-GEORGETOWN TECHNICAL COLLEGE

It was suggested in last year's annual report that a number of significant turning points had been reached in the life of the college. Those events, as well as the natural growth of the institution, have led to a number of positive developments in the 1983-84 year. The academic program of the college saw significant growth, which was mirrored by an increase in continuing education activity. The college's capital fund endowment campaign established a solid basis for growth and for the continued development of the institution, and the administration supported the physical development of the facilities of the institution through the fulfillment of the adoption of a master plan and the securing of funds for the construction of a new tourism education facility.

In a year that was generally marked by limited academic growth, the college saw a marked increase in its enrollment and a significant growth in the size of its graduating class. With an increase of approximately 15 percent in the winter quarter, the college completed the year with an overall enrollment increase of six percent — a significant fact when it is recognized that the college was one of the few institutions in the system that showed an increase for the year.

The basis of this growth was attributed to an aggressive campaign by

the faculty in the areas of recruitment and retention. Also, the academic program was bolstered by the addition of a new degree program in electronics engineering technology and new certificate programs in construction electricity and culinary arts.

The continuing education division of the college continued its traditional growth pattern by increasing its services to more than 5,600 persons in the community through offerings of courses at the college, seminars in the community, and special training programs in local industries. Some of the more notable of these activities included the selection of the college as the site for the offering of the Building Better Boards program of the Kellogg Foundation, and the establishment of a highly successful V = VIP (Visitors Equal Very Important People) tourism/hospitality training program.

In July, the college's foundation launched a three-year capital fund endowment campaign with a goal of securing $3 million for the continued support of the college's programs. The campaign is well underway, nearing its first million dollars in contributions and pledges and looking forward to a second successful year of growth. One of the highlights of the year's activities was the presentation of a $250,000 pledge by the AVX Corporation and the announcement of an on-going training relationship between the college and this major local industry.

Following the adoption of a master plan of the college in 1983, the area commission and the administration began an active campaign to support the construction of a major tourism/education complex. Plans were developed and funds were secured for the center, named for the late Charles E. Hodges, a legislator who had been an active supporter of both the tourism industry and the college, and the construction of this facility is anticipated during the current fiscal year. One of the unique aspects of this project is the recognition of the intrinsic nature of the program as a merger between the college and the tourist industries of the Grand Strand. The center will serve as a focal point for welcoming tourists to the area and can be hailed as a major step in the development of the local industry. Since it will serve as a center for the extension of the college's offerings in the area of tourism (as well as what will hopefully become an increased statewide emphasis of support for this industry), it will be an important new educational complex.

The continued growth of the college in its academic offerings and in its continuing education services, the developments of its foundation support, and the realization of the first step in the implementation of the college's new master plan all mark the 1983-84 year as an important year in the new life of the college. With the directions that have been established, an even brighter future can be expected in the years ahead.

MIDLANDS TECHNICAL COLLEGE

In keeping with its mission to make state-of-the-art training available to all citizens in the Midlands area, Midlands Technical College trained over 9,000 curriculum students during academic year 1983-84. Of these students, 1,120 graduated from the college's more than 40 major fields of study.

Midlands TEC's job placement rate continues to be high. Last year, 97 percent of its graduates were placed within six months of graduation. Eighty-four percent of these graduates found jobs related to the curriculum they studied at Midlands TEC.

Midlands TEC is continually updating its curriculum programs to meet the needs of business and industry, and last year was no exception. Among these changes was a new engineering graphics technology seven-quarter program, developed, approved and scheduled to begin in the fall of 1984. The surgical technology program was suspended beginning in the fall of 1984. A computer-assisted manufacturing lab utilizing highly sophisticated computer hardware was implemented in machine tool technology. Plans were developed and approved to expand the associate degree nursing program on the Airport Campus. Plans for a new computer numerical control three-quarter certificate program and a one-quarter tool and die advanced certificate program were approved and implemented.

In response to the needs of area companies for top-notch machine tool technologists, Midlands TEC, with the assistance of area industries and the Greater Columbia Chamber of Commerce, developed the Machine Tool Technology Co-op Scholars Program. The program, to be launched in the fall of 1984, is designed to offer 24 scholarships to qualified students. The scholarships are donated by participating area companies. This nine-quarter program will provide each student with seven quarters of classroom/shop training and two quarters in appropriate jobs with cooperating employers. The six-month working period will allow students to gain valuable on-the-job experience and at the same time give the companies the chance to observe potential employees before any commitments are made for regular employment.

Last June, Midlands TEC selected 30 black female high school students to participate in Operation T.N.T. (Try Non-Traditional), a two-week career exploration program. The program gave the students a bird's-eye view of non-traditional career opportunities for black females in engineering and the industrial technologies. Operation T.N.T. provided the participants career counseling, values clarification sessions, hands-on lab experience and tours of area industries. Scholarship funds are available to students who enroll in a non-traditional program of study at Midlands TEC after having participated in the Operation T.N.T. program.

Continuing education is an important facet of Midlands TEC's objective to provide a means for training and exposing the greatest number of persons to the latest equipment at the least possible cost. Last year, the college's continuing education division enrolled 10,433 participants through workshops, seminars and short courses.

To meet the needs of business, industry and government agencies for high technology training, Midlands TEC's Information Management Center began operating last spring. Through surveys and interaction with businesses and government agencies, the Information Management Center has been able to assess the need for computer-related training in these areas and develop programs to address this need. The center offers training in microcomputers, minicomputers, word and data processing, and information management conducted at requested locations or at Midlands TEC's Harbison Center. Introductory computer courses are also offered for the general public, providing hands-on computer software experience as an integral part of the courses.

Reaching beyond its college walls into the community, Midlands TEC is working to strengthen community leadership by sponsoring an organization that teaches board members how to be more effective — Building Better Boards. In the fall of 1983, Midlands TEC was named Building Better Boards sponsor for the Midlands by the Kellogg Foundation and the American Association of Community and Junior Colleges. With assistance from the Voluntary Action Center of the United Way, Midlands TEC has implemented training sessions for board members of a number of volunteer groups. These training sessions are available to any non-profit organization in Richland, Lexington and Fairfield counties and are conducted by certified Building Better Boards trainers.

As Midlands Technical College moves into the new year, it readies for the implementation of a program that will establish criteria for students enrolling in curriculums at the college. While Midlands TEC will remain an open door college, the program will qualify the basic skills of enrolling students before admitting them into a curriculum program. The admission standards program is to be implemented beginning in the fall of 1985, and is projected to improve the odds that enrolling students will complete program requirements necessary to graduate. Better graduates and better jobs in the Midlands will be the result.

ORANGEBURG-CALHOUN TECHNICAL COLLEGE

Orangeburg-Calhoun Technical College began 1983-84 school year with a six percent increase in enrollment.

In response to a need indicated by local industries, Orangeburg-Calhoun TEC offered a new one-year diploma program in industrial mechanics. Students received training in machinery maintenance and

repair, hydraulics, pneumatics, pipefitting, welding and blueprint reading.

The Ducane Heating Corporation of Blackville, South Carolina awarded scholarships to five freshman students who were enrolled in the machine tool technology program. Students receiving scholarships work during their senior year at Ducane Heating under a co-op program.

Orangeburg-Calhoun TEC began work in July 1983 on the self-study process for re-accreditation by the Southern Association of Colleges and Schools.

The division of nursing donated a drug abuse information center to the college's library. The tabletop display contains brochures about various drugs. TEC's library also received a donation of $500 from the S. C. Real Estate Commission to purchase books and other materials for the real estate courses offered through continuing education.

The college began the process of obtaining approval for an affiliation with the Colleton Regional Hospital for its medical laboratory technology (MLT) program. Final approval will mean that second-year MLT students from Colleton County will be able to perform their clinical laboratory practicum closer to home.

Orangeburg-Calhoun TEC graduated its first class of associate degree nursing students in the spring of 1984.

General Motors offered automotive courses for GM dealer technicians at its satellite training center located on Orangeburg-Calhoun TEC's campus. Area GM dealer technicians were familiarized with the changes and new products in GM cars without having to travel to Charlotte, North Carolina.

The Small Business Development Center of the University of South Carolina located an office on the Orangeburg-Calhoun TEC campus for the second year. It provided small businesses with pertinent and topical information about advertising, marketing, loans, pre-business planning, accounting and more.

The Computer Center was equipped with a Digital Equipment Corporation VAX-11/750 that has seven megabytes of memory and 795 megabytes of disk storage. The system includes 25 CRT terminals, four microcomputers and a word processor, and is serving student instruction and the administrative functions of the college. Computer courses are being offered for credit, short courses and seminars. Persons in the community who want to increase their knowledge of computers and computer language have been using the Computer Center.

The Microcomputer Lab, set up in the past year, has 17 microcomputers available. These are being utilized in the curriculum and also for short courses for those who are interested in learning about microcomputers through hands-on experience.

Working with local industries and businesses, the continuing education division developed various in-plant and on-campus programs. Specific industrial upgrading programs in machine shop set-up, operator training, computer literacy and programming, quality control, basic math, reading, blueprint reading, maintenance training, industrial electricity and others were offered. Workshops and seminars of all varieties from allied health, maintenance, agricultural, industrial and supervisory development areas were presented during the year.

Through a Title III grant, the office of instructional improvement implemented a variety of specific strategies to move the institution towards excellence. The office designed a two-level, seven-phase approach to competency-based education. Other strategies include the following:

(1) A comprehensive staff development plan provided faculty with released time and/or incentives to redesign their courses on a competency-based formula.
(2) A series of specially designed graduate-level courses on CBE from U.S.C. were offered at Orangeburg-Calhoun TEC.
(3) DACUM (Developing a Curriculum) was selected as the process to be used to involve business and industry directly in the development and validation of program competencies.
(4) A graduate profile sheet was developed, based on CBE, to provide potential employers with competency information on each student.
(5) Media-assisted instructional and testing programs are being developed.
(6) A return-to-industry exchange program was implemented to keep staff current on new business and industry equipment and to bring business and industry expertise to campus.

During the past year, the Dislocated Workers Program served 200 persons. The main thrust of this program is retraining or upgrading the skills of persons who are unemployed. Participants received supplemental education or technical skills training as needed at no cost. Besides the main office, which is housed on Orangeburg-Calhoun TEC's campus, a satellite program was also located on the campus of Denmark Technical College to serve persons in Barnwell, Aiken and Hampton counties.

Orangeburg-Calhoun Technical College's Foundation, established in 1977, raised over $4,000 in faculty and staff contributions in its fourth annual fund-raising drive held during April and May of 1984. Continuing its scholarship program, the foundation awarded 11 scholarships. It also funded a number of instructional improvement projects, held a fund-raising spring plant sale, participated in a crafts fair, obtained approximately $13,500 in needed supplies and equipment, and received substan-

tial funding from local business and industry as well as from other foundations. Orangeburg-Calhoun TEC's foundation's ongoing fundraiser, the sale of a popular cookbook it published, continues, with nearly 4,000 copies sold to date.

PIEDMONT TECHNICAL COLLEGE

Piedmont Technical College served more than 2,500 curriculum students during the 1983-84 academic year, with an average of 4,500 enrolled each week in all programs, including regular curriculum and non-curriculum programs such as professional upgrade training, continuing education and community service courses. The college again enjoyed the highest level of participation in courses from residents in a single supporting county among the state's technical colleges. Approximately 14 percent of all Greenwood County residents participated in all Piedmont Technical College programs, a figure that represents an increase over the state average.

Some of the college's most significant achievements during the past academic year involved providing education in high technology and the attendant training needs. Piedmont Technical College was one of the four host colleges for AM84, the Southeast's first conference/exhibition devoted specifically to automated manufacturing/high technology. The event was held March 19-22, 1984, and attracted more than 9,300 visitors to the state.

Further evidence of the college's success in delivering high technology training was seen in the Robotics Resource Center. Now equipped with fourteen robots, each organized into its own workcell, and a number of portable robots for training in industry settings, the center offered a full schedule of workshops and seminars throughout the year, providing training for business and industry as well as educational institutions. A total of approximately two dozen one-day and week-long sessions have attracted participants from within the TEC system, as well as educators and industrialists from over forty states and one foreign country.

Plans for the center came full circle in the fall when the college launched the state's first automated manufacturing technology program. Students in the program study a basic core of courses in electronics, fluid power, structures and mechanisms, and specialized courses in all areas of automation present in the nation's manufacturing facilities. This multi-discipline program focuses on industrial robotics, training students in the installation, service, maintenance, programming and design of manufacturing systems. Students in automated manufacturing technology also simulate computer-integrated manufacturing through the use of miniaturized components.

The AMT program and the supporting laboratory facilities are among

the very few available for academic use in the country. Due to the large number of requests for training in this area, the robotics lab is undergoing renovation and expansion to approximately double its size, reaching an area of 3,500 square feet. In addition to increasing the number of industrial robots in the lab facility, four new programmable controllers have been added to accommodate the new one-year program for programmable controller technicians that will begin in the fall. A total of nine programmable controllers have been organized into eight workcells.

Continuing its move toward total support for training needs associated with automation, the college expanded training facilities by adding a word processing lab and three computer labs. In these facilities, students have access to 14 Apple IIe computers in the microcomputer lab and 10 DECmate II dedicated word processors in the word processing lab. In addition to use in established curriculum courses, these facilities will be used extensively by students in the newly approved one-year program for the automated office technician. The program will add word processing and microcomputer applications to traditional secretarial and office skills.

The industrial division acquired four new CNC machine tool training lathes during the 1983-84 academic year. The division also acquired new oscilloscopes, digital VOM equipment, and function generators for use in the industrial electronics program. Building renovations have led to the expansion of laboratory facilities to be shared by industrial electronics and electronic engineering students.

Expanding the computer-based educational programs available in the support area, the Center for Microcomputer Education in October formed the Microcomputer Task Force, including representatives from each of the ten public school districts in the area. Based on the task force's recommendations, a new program called "SUMMER 84: Computers in the Schools" offered summer courses in Logo and BASIC programming languages in seven locations. Workshops for parents and in-service workshops for teachers were held at five locations. In the spring, the center purchased three IBM-compatible portable computers to teach the Lotus software program in industry.

Offering support for innovative training programs and the facilities required to deliver such training, the Piedmont Technical College Fund continued to provide resources that are unavailable through more traditional sources. Established in 1975, the eleemosynary organization was among the first in the country in two-year colleges. Having completed its first major gifts campaign, "Partners in Progress," the Fund netted some $426,000 in contributions and recently announced plans for Phase II, a multi-year program designed to raise $1 million. Through the campaign, the college has received donations of robotics, microcomputer and microprocessor equipment, and land, in addition to gifts of money.

Along with the expansion of academic programs and training facilities

to meet the needs of employers and employees and to further the economic development of the state, an expansion of services and special programs to a diversified constituency has occurred during the past year.

The Dislocated Worker Program, a continuation of the efforts of the Adult Re-Employment Training Program, offered educational programs providing marketable skills to students from a variety of backgrounds. Established as the first such program in the state, it provides counseling and instruction in interviewing skills and career development as well as job training to help combat a high unemployment level in the Upper Savannah counties.

Now in the middle of its first year, the federally funded Academic/Vocational Re-Entry program has 48 participants. Of these, 32 are now enrolled in basic skills and eight in skills training. Thirteen new students have already been certified to begin programs in the fall. In addition, the program has been able to refer 10 people to the literacy program.

To mark the beginning of its second year, the Women's Center moved into its own home on campus and has reorganized into a dual-emphasis support service. The Women's Career Development Program will help unemployed and underemployed women achieve educational and career goals. During the past year, 70 women were served in women's career development projects. The Women's Center offered support and confidence to women through information on a variety of topics, ranging from professional growth to coping with widowhood and managing personal finance. Total attendance at these programs was over 600. A new endeavor of the Women's Center in the coming year will be offering minicourses on subjects of professional growth and development and employability skills to local communities in the seven-county support area.

Innovations in the educational development and support division included presentation of two employer information days, during which 29 employers from area industries and businesses interviewed Piedmont TEC students to discuss career decisions and employability prospects. The programs were held on the Piedmont TEC campus.

SPARTANBURG TECHNICAL COLLEGE

The Spartanburg County Commission for Technical Education charged the faculty and staff of Spartanburg Technical College with the goal of a 22 percent enrollment increase over the next three years. In line with this impetus and to provide the necessary support for image enhancement and stronger recruitment endeavors, the development department and public information office created a promotional plan, "Spartanburg Technical College for the '80s." All available media was utilized to promote Spartanburg Technical College and to make the public intensely aware of the college, its programs and the career possibilities that can

offer Spartanburg Technical College graduates the quality of life they seek. Totally supported by the commission, college administrators, faculty and staff were encouraged by the public's quick response to Phase I. Additional segments of related promotions for this ambitious growth plan were approved for succeeding months.

During 1983-84, an assessment of the training needs of business, industry, government and hospital systems impelled Spartanburg Technical College to direct its programs into more varied areas. The continuing education division generated 160,000 contact hours for the total division — a 47 percent increase. Seventy-one specialized industrial training programs were created for 2,422 employees of 40 local industries contracting with Spartanburg Technical College to assess needs, and to design and implement training. Topics included air conditioning training, precision instruments, Visicalc and others. Designed cooperatively by the continuing education and curriculum departments, the specialized industrial training programs offered the updated skills and productivity assistance that is necessary to keep Spartanburg TEC in step with the needs of the people and the companies in the three-county Spartanburg Technical College service area.

In the fall of 1983, the continuing education division was the first educational component in South Carolina to recognize Small Business Week with a regional press conference announcing the Spartanburg County Small Business and Industry Council. The purpose of the council is to provide direct input into program offerings and act as a network in response to training needs.

Outstanding contributions to community-related activities by the faculty of the allied health division totaled 25 service projects, including special workshops, community events, fund-raising activities for charities, certification updating courses, special group presentations and health fairs.

The Spartanburg Technical College engineering technology division received re-accreditation from ABET for civil, mechanical and electronic engineering technologies. Four new courses in computer-aided design (CAD) were developed to add to the engineering graphics and mechanical engineering technology departments.

In the Spartanburg Technical College industrial division, awards and recognition for achievements climaxed with the first prize in the SCTEA Arts Competition for a joint project completed by IET and MTT students. Welding students took three first prizes and one second prize in the state welding competition hosted by Spartanburg Technical College. Students in IET gave dozens of recruitment presentations using training robots in elementary, junior and senior high schools.

The horticulture department hosted and sponsored the Upper Piedmont Lawn and Garden Show in cooperation with Clemson University.

The Gaines Center Lobby at Spartanburg TEC featured a Standard Flower Show in cooperation with the Spartanburg Garden Club Council; the auditorium was the site for four workshops, and the campus area nearby offered exhibits and demonstrations by leading distributors of garden and lawn products. More than 300 people attended the one-day show.

Spartanburg Technical College was a co-sponsor of the nationally recognized AM84 Conference at Textile Hall. More than 45 Spartanburg Technical College personnel worked with AM84.

The college developed in-depth articulation agreements with all five area vocational high schools and two high schools in Spartanburg County. These groups planned innovative ways to coordinate the training and offer credits at Spartanburg Technical College for courses mastered in the vocational classes.

Competency-based education was implemented in all curricula to serve as the archetype for all courses and programs.

During the 1983-84 year, Spartanburg Technical College implemented its first Title III funding. With the $196,000 grant award, the college instituted a management information system and implemented the use of computers in the engineering graphics technology, radiologic technology and medical laboratory technology curricula. Also during 1983-84, Spartanburg Technical College strengthened its efforts in grants acquisition. A total of $236,939 in grants was received, including computer and word processing equipment from the Appalachian Regional Commission; computer-assisted drafting from the Appalachian Regional Commission; women in non-traditional careers from the South Carolina Office of Vocational Education; English as a second language from the South Carolina Department of Social Services; veterans cost of instruction payments from the U.S. Department of Education; and schools and hospitals grants program from the U.S. Department of Energy.

In 1983, the college established a computer center, made possible by grants funded by Appalachian Regional Commission. In the early phases, students from engineering technology, business and continuing education divisions plus JTPA program students utilized the full range of equipment that includes the VAX 11/750 Digital with 25 terminals, DECmate II word processors, Apple IIe microcomputers and the Auto-trol CAD units. In the second phase of operation, faculty and staff, allied health division students and more continuing education students were added to the computer center total utilization schedule.

The following new programs were added to Spartanburg Technical College in 1983-84: certificates in advanced electronics, CNC operator, and welding; diplomas in diesel service mechanics, respiratory therapy, automated accounting and medical secretary/transcriptionist; and associate degrees for machine tool technology and nuclear service technology.

The machine tool technology advisory committee co-developed and co-sponsored the "Educators in Industry" program with Spartanburg County School Districts 2 and 3 and the University of South Carolina at Spartanburg.

Additional emphasis on basic skills is in place in the developmental education division.

The college is preparing for Southern Association of Colleges and Schools re-accreditation, and faculty and staff have spent thousands of productive hours during 1983-84 on this project, which will be completed in 1985.

SUMTER AREA TECHNICAL COLLEGE

A new TEC resource center, the South Carolina Water Quality Institute, was completed in the spring of 1984. This 8,000 square foot building was constructed utilizing a grant through the South Carolina Department of Health and Environmental Control from the U.S. Environmental Protection Agency. The operation of the Institute is funded by the State Board for Technical and Comprehensive Education. The land for the Institute was given to the College by the City of Sumter. In October 1983 the Institute received a $75,000 grant from the Environmental Protection Agency to provide technical assistance to wastewater facilities having difficulties meeting their NPDES permit. The Institute is currently working with fifteen facilities and has successfully brought a number of these facilities back into compliance. The grant has been amended by $30,000 for FY '85.

Natural resources and agricultural management technology is a new associate degree program that was added in 1983-84. This program began with 25 students who will have a broad basic background in the biological and agricultural sciences when completing the program. The program utilizes both a classroom setting and an outdoor laboratory where students work in a greenhouse, vineyard, agricultural fields and natural forest. The successful graduate develops skills in the proper use, development, conservation and management of farm land, streams and woodlands.

The office of admissions and career services conducted a total of 100 events during the year to inform high school students in the service area of the programs available at Sumter Area TEC. These included tours of the campus, visits to high schools and career planning workshops, altogether reaching a total of 5,543 students.

"Variable Frequency Drives," a seminar arranged by continuing education, was one of the most outstanding offerings in 1983-84 requested by industry for their personnel. As with many special topics, this subject afforded the opportunity to reach not only employed technicians and technical managers in industry, but also TEC students and faculty. Three

sections were presented, two on October 4 and one on November 29. A total of 87 industrial employees were reached; 19 TEC staff and faculty participated. A special bonus was that Southern Industrial Controls donated a variable frequency inverter for use by the college's industrial electricity and electronics classes.

The first class of graduates finished the nursing program, which was begun in 1982 and is a joint program with USC-Sumter. These graduates achieved a 100 percent passing rate on the National Council Licensure Examination for Registered Nurses (State Boards). According to Dr. Carole McKenzie, dean of nursing, it is highly unusual for a program to have this occur with its first class of graduates.

1983-84 is referred to as "The Year of the Self-Study," by Sumter Area TEC faculty and staff who participated in a college-wide self-study for the reaffirmation of accreditation by the Southern Association of Colleges and Schools (SACS). Through this self-study, the college reassessed its objectives, measured success in attaining objectives, and explored ways and means by which educational efficiency can be improved. Most of the College's faculty and staff participated in the self-study in one of nine standard committees. The self-study document will be evaluated by a visiting team from SACS in February 1985.

The following, in brief, are the major accomplishments of Sumter Area Technical College for the year 1983-84.

- *Business division*—A new certificate program in computer operations and one in rehabilitative science were developed to be implemented in the fall quarter of 1984. These new programs are offered through the computer data processing department and criminal justice department, respectively.
- *General education and transitional studies*—The developmental studies curricula has been developed in a competency-based, diagnostic-prescriptive system for individualized instruction and is continuing to be revised through test development, test analysis and revision.
- *Learning resources division*—Ten instructional developmental workshops for a total of 253 faculty from both the main and Shaw campuses and for student services staff were conducted to increase the understanding of the philosphy and procedures for competency-based education. The staff also completed analyses of levels of learning objectives for 144 courses using SOLOs (Student Oriented Learning Outline), and developed for future use a plan for aiding faculty in analyzing the level of objectives and reasoning skills required in their courses. $6,000 in Title III funds for professional and technical training courses was secured and administered for individual faculty and staff.

- *Student services division*—A department of support services was established in order to systematically schedule counseling and other supportive services for students. Also, an 11-week employability skills course was developed and implemented, and a new supplemental instruction approach to learning was provided to special services students. The division experienced a 56 percent increase in regular placement listing for the year.
- *Division of development*—$364,664 in Title III funds were obtained to strengthen the instructional, student services and management information systems of the college. Also, in cooperation with the division of business affairs, the division of development developed a five-year capital improvement plan for the college.

TRI-COUNTY TECHNICAL COLLEGE

As the area and the nation began to emerge from the deepest economic recession since the Great Depression, changes in the economic structure of the area began to surface, thrusting the college into a comprehensive analysis of employment projections, programs and services.

"A Study of Employment Needs in the Tri-County Area" was published in October at the end of a year-long study that involved the total college and virtually all segments of the employment community in Anderson, Oconee and Pickens counties. A guide in the college's curriculum review and planning process, the report cites employment trends and recommends actions to keep educational programs attuned to those trends. The information and recommendations contained in the study supplement advisory committee and other input into curriculum revisions, new programs, equipment needs, admissions processes and other phases of the college's operation.

Further reinforcement of the college's response to local educational needs came from the Area Commission with the adoption of a statement of instructional philosophy in November. The final line of that statement declares, "The goal of providing equal educational opportunity for all can be accomplished through the college's dedication to assisting students in developing the prerequisite skills, to providing appropriate instruction, and to fostering a learning environment conducive to total student development." The statement documents the college's commitment to providing the educational programs and services necessary to make "equal educational opportunity" a reality for the residents of the college's three-county community. Concomitant with following the instructional philosophy is providing the facilities and equipment to train technicians for a changing labor market.

At the beginning of the fall quarter, the textile management department and the welding department moved into the new textile/welding

center at the middle of the campus. The $1,318,000 facility contains classrooms, laboratories and offices for both departments. Funding for the center included $494,800 from the Appalachian Regional Commission, $135,000 from Anderson County, $67,500 from Oconee County, $67,500 from Pickens County, and $553,200 from student fees. The 19,000-square-foot center was being equipped at the end of the year with state-of-the-art equipment, including a $40,000 air-jet loom donated by Toyoda Textile Machinery Inc. and M. Lowenstein Corporation. With TEC equipment funds and matching grants from the Appalachian Regional Commission, $402,000 worth of equipment was purchased to equip the new center. Installed in the textile department were a Zinser drawing frame, a Platt Saco Lowell Rovematic frame, a Platt Saco Lowell Spinomatic frame, an Inglostadt open-end spinning frame, a Nissan air-jet weaving machine, a Sulzer (projectile) weaving machine and a Somet (rapier) weaving machine with a jacquard head. Installed in the welding department were a metal shear, a metal brake, a plasma-arc cutting machine, six mig welding machines and numerous hand tools. With $37,000 in supplies, the welding department faculty and students fabricated tables, cabinets, racks and 40 welding booths valued at approximately $87,000, saving the college about $50,000 on these items for the new textile/welding center.

The Appalachian Regional Commission awarded a grant of $507,498 to be matched with an equal amount from the State TEC Board to update equipment in the machine tool technology department, the Microelectronics Resource Center, the electronics engineering technology department and the industrial electronics technology department.

The second-year Title III grant from the U.S. Department of Education included $166,000 (a third of the grant total), which purchased computers for student information and for computer-assisted instruction in several departments.

The entire Title III grant, in its second year, was for $498,623. The funds continued the college's implementation of competency-based instruction, a program that was initiated during the first-year Title III grant. CBI was extended to eight additional programs this year, primarily by making it possible for instructors to return to industry and keep their programs relevant to local employer requirements.

Other improvements instituted by the second-year funding included development of a student information system; the introduction of new human development and reading courses in developmental studies; the introduction of computer-assisted instruction in science, developmental math and medical laboratory technology; and expansion of the college's financial resources through training for foundation and grants specialists.

Ten NCR DM5 small-business computers were donated to the college

by NCR, opening a new lab and introducing a new series of courses in continuing education. The computers are used in curriculum programs and in continuing education classes to teach beginner and advanced programs.

A $30,000 grant from the Appalachian Regional Commission expanded the word processing laboratory, increasing the enrollment capacity by five times.

In its second year, the Microelectronics Resource Center conducted its first series of seminars and workshops and went into industry with customized training. The San Mateo Worksite Education Division chose the Resource Center as a test site for future computer/video-based courses in digital and microprocessor education. An advisory board for the center was appointed and had its first meeting in November to begin reviewing the operation and setting future directions.

Along with Horry-Georgetown Technical College, Tri-County TEC hosted the national conference of the National Association of College Automotive Teachers (NACAT). The conference attracted teachers from all over the Unites States and Canada for three days of workshops, seminars, demonstrations and exhibitions.

Tri-County took another giant stride in providing training for employees of business and industry by taking its training programs in office occupations into the businesses and industries of the three counties. After a survey to determine needs and assessing individual employer requests, classes and workshops in secretarial skills, accounting, data processing and several other office occupations were conducted for 121 office professionals.

The continuing education division registered 16,457 different people in all programs, setting a record. Of the total, 14,997 were enrolled in occupational advancement classes, further evidence that the metamorphic economy is producing massive changes in the workplace.

A chairman was appointed and a steering committee selected as the organization began to be established for the self-study in the college's preparation for its second 10-year accreditation by the Southern Association of College and Schools. Tri-County TEC was chosen by the Commission on Colleges as one of 10 institutions in the SACS region to pilot proposed criteria for accreditation. In previous self-studies, the college measured itself in relation to SACS standards, but the criteria place more emphasis on measuring institutional effectiveness and educational outcomes as opposed to more quantitative measures included in the standards.

Significant steps were taken toward establishing a college foundation with the appointment of a director and a day-long workshop with a fund-raising consultant. At the end of the year, officials were preparing to seek

investments actively from the private sector to support program and campus development.

Along with three other Upstate technical colleges, Tri-County hosted AM84 in March. This first-ever national conference and exhibition attracted 9,853 attendees from 37 states and 10 countries, making it one of the largest such events in the United States. The three-day show and conference featured new concepts, techniques and equipment being used in automated manufacturing.

Other significant accomplishments for the year:

- Set up two tracks, programming (primarily transfer) and data processing, in computer data processing.
- Added state-of-the-art video equipment in radio and television broadcasting.
- Installed six variable speed electronic control systems in the industrial electronics technology department.
- Established a scholarship program in industrial electronics technology.
- All graduates in the first nursing class passed the state certification examination.
- More than doubled the number of continuing education units (CEUs) awarded through the sponsorship of the curriculum departments.

TRIDENT TECHNICAL COLLEGE

With an emphasis on "Quality . . . for the Student," Trident Technical College marked its twentieth year of service to the Berkeley, Charleston and Dorchester county area. This focus was initiated early in the year by the adoption of a new mission statement. The new language retains the concept of technical education and training, and provides clear direction for college policy makers.

This year, funds from the federal Title III grant contributed to the purchase of a VAX 11/780 minicomputer, 126 personal desk-top computers and four VT241 color terminals. A computer center scheduled to open in 1985 was designed and approved to house the college's computer operations. It will include classrooms, computer labs, storage for the VAX, and administrative office space. Another facet of the college-wide computer plan resulted in a computer literacy course designed for the faculty and staff.

Trident TEC offered its students 41 programs of study this year. Among these was a new associate degree in nursing program. Plans are underway to design an "advanced track" for licensed practical nurses (LPN). Of the 5,189 students who enrolled in the 1983 fall quarter, 14 percent chose engineering technology, 9 percent chose industrial tech-

nology, 39 percent chose business and management programs, 16 percent enrolled in general studies programs and 5 percent enrolled in allied health programs of study. Fifteen percent of those enrolled attended classes in developmental studies and only two percent were undecided about their major.

In addition to academics, students at TTC took advantage of more than 80 extra-curricular activities sponsored by the college.

Approximately 4,100 students received some form of financial aid. Scholarships accounted for $16,933 while Veteran's Educational Benefits and Pell grants provided the largest share of the assistance used by students.

Placement assistance was provided to 822 students who requested help through the Job Placement/Cooperative Education office. Employers listed 847 jobs with the office and scheduled 115 job interviews on campus. The Job Placement/Cooperative Education office made 7,133 referrals for jobs in 1983-84. Job Outlook '83, an evening of career education, was sponsored by the placement office and attracted over 1,500 interested local residents.

The Building Better Boards project completed its third year of operations. It trained 39 community boards for a total of 422 participants. The project was rated "exemplary" by the funding agency, the W. K. Kellogg Foundation.

The Minority Institutions Science Improvements Program (MISIP) concluded this year. The Program resulted in the purchase of $70,000 of lab equipment, the establishment of a new basic science course and the hiring of a life sciences instructor.

Supported by the Job Training Partnership Act (JTPA) the Center for Adult Retraining was established as a response to the closing of a local plant. Its mission is to assist those and other dislocated workers in the tri-county area. The Center worked with 134 people, 16 of whom have already returned to work. Two Manpower Skill Centers are also operating under JTPA funding. These skill centers placed more than 85 percent of their graduates into jobs.

Conducted by the Low Country Seminar Network, 111 seminars were held with more than 1,300 people attending. Also a component of external operations, continuing education-occupational upgrading offered 250 courses for over 4,000 participants. Continuing education-industrial training served more than 40 area industries. More than 4,500 employees attended the training both at TTC and on-site throughout the year.

A popular community program was the lecture by Dr. Ronald McNair, NASA astronaut from South Carolina. The lecture attracted an audience of over 800 people.

The Foundation continued to provide support for the college this year.

An active business/industry partnership was established. It assisted the college in obtaining computer software and provided scholarships for students. In addition, the Foundation encouraged professional development of faculty and staff by providing funds for credit courses, activities and travel.

The Alumni Association grew to a membership total of 135. Alumni helped with student registration and recognized student leaders at a special reception. This year the Alumni Association awarded its first scholarship.

An Archives was sanctioned this year. Efforts are underway to preserve items important to the heritage of the college. The Archives will contain a wide variety of descriptive materials to include writings, photos, films and art that chronicle the history of Trident TEC.

The special event that closed this fiscal year was graduation, June 15. Degrees, diplomas and certificates were awarded to 776 graduates of the college at the twentieth commencement exercise of Trident Technical College.

Dr. Hans Mark, deputy administrator for the National Aeronautics and Space Administration (NASA), addressed the graduates.

WILLIAMSBURG TECHNICAL COLLEGE

Williamsburg Technical College has spent the last year upgrading many areas of the institution to incorporate computer technology.

The business office has recently integrated computer applications on the VAX 11/750 to include payroll and finance systems. In addition, programs have been developed and implemented for office supplies inventory and vendor usage history.

A committee of five representatives from various office areas around the college has been working to select the best word processing software for the college's use. The committee is also geared toward assisting college personnel in discovering what hardware and software may be needed for the various offices to give the best possible results from computer usage.

Several programs at Williamsburg Technical College have upgraded their equipment to give students better preparation for their prospective careers. The auto mechanics program has recently purchased a computer engine analyzer, complete with a printer and reader. A computer numerical control (CNC) Numeridex computer has been added to the machine tool area. The data processing lab has also received several new microcomputers to provide increased access for students.

The college's Career Planning and Placement Center offers SIGI (System of Interactive Guidance and Information) and SCOIS (South Carolina Occupational Information System) counseling processes to stu-

dents. Over half of the student body has taken advantage of these aspects of career counseling. The center also provides these services to community residents and high school students. Through the contribution of the Kellogg Foundation, the CPPC continues to provide one of the most advanced placement and counseling services to the area.

Williamsburg Technical College has also made advances in other areas of the college throughout the 1983-84 year. The college has recently completed the fifth year of the Upward Bound grant. Project Upward Bound provides encouragement to disadvantaged high school students to take full advantage of postsecondary educational opportunities. This project year, 100 percent of the high school seniors participating in the Upward Bound program were accepted into postsecondary institutions.

Instructors at Williamsburg Technical College have been using a systematic approach to quality instruction under the Title III program. The competency-based instruction entails such requirements as organizational structure and systematic management, program and curriculum development based upon input from business and industry, and publicly defined instructional criteria and procedures.

Beginning with the fall quarter of 1984, Williamsburg Technical College will initiate and integrate the GED preparation classes into the applied studies department.

Advisory committees consisting of representatives from various businesses and industries in the area have continued to meet this past year to aid instructors in providing courses to prepare students for the rapidly changing job market.

As in the past, the college transfer program has been well-received by upper-level institutions. Contacts were made with area college students to inform them of courses offered for transfer credit during the summer quarter.

Williamsburg Technical College continues to assist in the economic growth and development of the county by offering courses and services that best fit the needs of area residents, businesses and industries. The college takes pride in helping make the future brighter for persons who seek to better themselves with a sound educational background.

YORK TECHNICAL COLLEGE

Student enrollment in curriculum programs for the 1983-84 fall quarter was up approximately three percent over the same period in the previous year at York Technical College. Enrollment for each subsequent quarter reflected sound increases.

York TEC's Resource Center personnel traveled far and wide to see and learn about new and innovative applications of computer technology in business, industry and government. Training for center personnel in-

cluded highly technical workshops on VAX Intervals and Datatrieve, as well as projections into the future. Resource Center staff averaged one visit per month to a business or industry to stay in touch with both local and state advisory committees, including a State Department of Education advisory committee on computing in the public schools. Also, some 400 persons from business, industry and government took advantage of opportunities provided by the Resource Center.

Over the last year, York TEC has made major advances in serving the people of York, Chester and Lancaster counties. The Title III grant under the Strengthening Programs of Higher Education Act provided $184,572 for the college to provide a computerized on-line registration system, as well as the financial MIS system based at the college. The grant also provided funds for the development of computerized student entrance testing and the establishment of a Career Skills Center. Finally, the grant enabled the institution to provide better services to those students in the service area needing basic skills training through its developmental education department, as well as to integrate computer-related equipment into engineering graphics and the machine tool area through the purchase of a CAD/CAM system. This particular project has enabled the college to provide its students with the up-to-date training for the industries in the service area.

During this period, the institution also received a Dislocated Workers Program grant for $108,611 from JTPA. This grant has enabled the institution to serve laid-off workers from major textile firms in our service area. This program has been particularly helpful with regard to workers that were laid off from the four J. P. Stevens plants in York and Chester counties.

Continuing education programs have focused this past year on one major purpose — to serve the citizens of Lancaster, Chester and York counties. A wide variety of non-credit courses serving all ages has been offered.

In February, the Charlotte Area Educational Consortium accepted York TEC as a member. York TEC is the first technical college to be admitted to this elite body. The consortium has met on the TEC campus in Rock Hill.

York TEC has fully implemented the Displaced Workers Program, which is geared toward serving unemployed persons in the Chester, Lancaster and York county areas. Comprehensive services are provided to all enrolled individuals on a cost-free basis. Applicants receive a thorough assessment of basic skills, vocational training and aptitude by professional counselors. Basic skills instruction is offered to those individuals who wish to upgrade their levels in these subject areas. Specific training is provided to retrain participants for positions currently available in the job market.

APPENDIX A

TOTAL DEGREES AND DIPLOMAS AWARDED IN ACADEMIC YEAR JULY 1982-JUNE 1983

College	*Degree Programs*	*Diploma Programs Two Year*	*One Year*	*Total Graduates*
Aiken	80	11	57	148
Beaufort	110	0	30	140
Chesterfield-Marlboro	43	0	10	53
Denmark	53	0	69	122
Florence-Darlington	275	0	114	389
Greenville	466	8	157	631
Horry-Georgetown	117	5	75	197
Midlands	663	28	241	932
Orangeburg-Calhoun	102	74	67	243
Piedmont	190	37	89	316
Spartanburg	202	0	134	336
Sumter	114	9	18	141
Tri-County	304	0	55	359
Trident	515	0	246	761
Williamsburg	25	0	15	40
York	223	0	96	319
Total	3,482	172	1,473	5,127

TEC Department of Planning & Research July, 1984.
HEGIS Report 2300-2.1A — Degrees and other Formal Awards.

APPENDIX B

FULL-TIME EQUIVALENT ENROLLMENTS FOR FY 1977-1978 THROUGH FY 1983-1984 TECHNICAL EDUCATION PROGRAM

Colleges	*FY 1978*	*FY 1979*	*FY 1980*	*FY 1981*	*FY 1982*	*FY 1983*	*FY 1984*
Aiken	909	916	864	903	895	893.4	948.5
Beaufort	960	946	978	1,030	883	784.7	732.0
Chesterfield-Marlboro	547	483	530	555	583	580.1	559.4
Denmark	801	603	595	676	690	773.3	766.7
Florence-Darlington	2,165	2,365	2,238	2,269	2,190	2,166.4	1,984.6
Greenville	5,252	5,084	4,887	4,892	4,799	5,527.2	5,065.7
Horry-Georgetown	1,242	1,174	1,079	1,152	1,179	1,166.4	1,199.4
Midlands	5,353	5,081	4,827	5,090	5,391	5,094.6	4,571.1
Orangeburg-Calhoun	1,640	1,504	1,381	1,431	1,367	1,237.7	1,314.5
Piedmont	1,705	1,635	1,418	1,728	1,704	1,764.8	1,720.8
Spartanburg	1,671	1,618	1,607	1,746	1,834	1,870.5	1,763.8
Sumter	1,355	1,262	1,433	1,584	1,680	1,649.5	1,549.7
Tri-County	2,062	2,035	1,902	2,057	2,246	2,299.2	2,101.6
Trident	5,730	5,571	4,715	4,723	5,175	4,783.9	4,020.1
Williamsburg	610	477	536	465	428	377.3	331.7
York	1,442	1,460	1,482	1,590	1,745	1,934.9	1,841.2
Total All Institutions	33,444	32,214	30,472	31,891	32,789	32,903.9	30,470.8

APPENDIX C

FULL-TIME EQUIVALENT ENROLLMENT GROWTH WITHIN THE TECHNICAL EDUCATION PROGRAM, FY 1977-1978 THROUGH FY 1983-1984 BY CLUSTER

Cluster Area	*FY 1978*	*FY 1979*	*FY 1980*	*FY 1981*	*FY 1982*	*FY 1983*	*FY 1984*
Agriculture	584.0	505.0	406.4	385.9	399.3	361.0	347.5
Allied Health	2,780.0	2,718.0	2,479.1	2,712.6	2,852.8	3,332.3	3,495.6
Business	11,461.0	11,006.0	10,629.2	10,715.6	10,907.1	11,015.2	10,525.1
Engineering	2,918.0	3,045.0	2,966.6	3,287.3	3,400.5	3,389.5	2,980.6
Industrial/ Occupational	9,877.0	9,395.0	8,715.0	8,997.1	8,580.8	8,012.5	7,032.4
Public Service	2,702.0	2,471.0	2,081.3	2,058.7	1,828.7	1,504.5	1,212.3
AA/AS	2,425.0	2,379.0	2,455.2	2,610.7	2,809.0	2,953.2	2,621.2
Career Dev./ Undetermined	697.0	695.0	739.0	1,123.4	2,008.6	2,335.9	2,255.8
Total FTE	33,444.0	32,214.0	30,471.8	31,891.3	32,786.8	32,904.1	30,470.5

APPENDIX D

TECHNICAL AND COMPREHENSIVE EDUCATION ANNUALIZED UNDUPLICATED HEADCOUNT ENROLLMENT 1961-84

Year	*TEC College Enrollments*	*Special Schools Completions*	*Total*
1961-62	.....	475	475
1962-63	1,122	2,190	3,312
1963-64	11,867	2,785	14,652
1964-65	18,659	2,824	21,483
1965-66	32,967	5,044	38,011
1966-67	37,046	5,704	42,750
1967-68	42,146	4,081	46,227
1968-69	59,817	4,419	64,236
1969-70	79,001	4,534	83,535
1970-71	81,415	3,804	85,219
1971-72	81,486	5,403	86,889
1972-73	104,638	5,054	109,692
1973-74	93,650	3,759	97,409
1974-75	111,541	2,902	114,443
1975-76	115,825	2,622	118,447
1976-77	122,121	2,826	124,947
1977-78	142,058	1,725	143,783
1978-79	145,168	2,580	147,748
1979-80	154,158	3,545	157,703
1980-81	162,602	3,793	166,395
1981-82	164,503	4,708	169,211
1982-83	154,276	4,967	159,243
1983-84	155,127	5,331	160,458

Source: TEC Management Information System; includes Technical Education, Continuing Education, Community Service, restricted State and federal programs.

APPENDIX E

STATE BOARD FOR TECHNICAL AND COMPREHENSIVE EDUCATION
ENDING FALL UNDUPLICATED HEADCOUNT ENROLLMENT — ALL PROGRAMS
FALL 1976 THROUGH FALL 1983

Colleges	*1976*	*1977*	*1978*	*1979*	*1980*	*1981*	*1982*	*1983*
Aiken	1,265	1,473	1,690	1,784	1,944	1,818	1,928	2,054
Beaufort	1,456	1,441	1,536	1,681	1,763	2,006	1,933	1,898
Chesterfield-Marlboro	1,257	1,545	1,463	1,687	1,721	1,706	1,603	1,952
Denmark	833	843	719	600	669	619	791	1,037
Florence-Darlington	4,631	3,912	4,226	4,456	5,299	4,627	4,318	4,087
Greenville	7,376	9,770	8,912	11,891	12,349	12,526	10,717	9,105
Horry-Georgetown	1,513	1,817	1,885	2,389	2,374	2,526	2,581	2,678
Midlands	6,294	7,572	7,861	7,829	8,638	9,853	9,349	7,705
Orangeburg-Calhoun	2,658	3,269	3,240	3,391	3,139	3,210	3,578	2,818
Piedmont	4,050	4,685	4,468	4,511	5,548	5,001	5,572	6,663
Spartanburg	3,268	3,527	3,174	2,957	2,730	3,326	3,786	3,839
Sumter	2,167	2,637	2,769	2,897	3,249	2,970	3,193	3,970
Tri-County	5,288	6,632	5,393	5,716	6,664	7,753	7,364	7,781
Trident	7,091	7,457	7,511	8,005	8,696	8,811	8,616	7,673
Williamsburg	1,453	1,758	1,576	1,637	833	1,095	1,882	1,449
York	2,146	2,528	2,279	2,518	3,008	3,101	3,201	3,135
South Carolina Fire Academy	NA	893	567	696	1,173	1,642	1,192	755
Total All Institutions	52,746	61,759	59,269	64,645	69,797	72,590	71,604	68,599

Ending Fall Quarter. 'All Programs' includes Technical Education, Continuing Education, Community Service, restricted State and federal program activity reported through TEC's Management Information System.

APPENDIX F

HEADCOUNT ENROLLMENT BY CLASSIFICATION STATUS AND SEX
TECHNICAL EDUCATION PROGRAM
FALL 1983

Colleges	Full Time Students				Part Time		Unclassified		Total
	Freshmen		Sophomore						
	Men	Women	Men	Women	Men	Women	Men	Women	
Aiken	233	222	75	44	272	161	81	113	1,201
Beaufort	90	187	40	31	314	311	53	46	1,072
Chesterfield-Marlboro	110	146	54	38	92	104	23	46	613
Denmark	251	299	65	56	34	44	10	8	767
Florence-Darlington	322	379	193	159	219	326	124	452	2,174
Greenville	1,298	1,244	352	342	931	1,084	313	389	5,953
Horry-Georgetown	330	309	116	51	186	105	76	132	1,305
Midlands	1,052	1,055	387	405	1,061	855	69	83	4,967
Orangeburg-Calhoun	364	370	135	111	174	171	85	77	1,487
Piedmont	380	492	135	143	281	188	21	84	1,724
Spartanburg	446	487	183	101	245	150	72	129	1,813
Sumter	326	405	139	103	218	162	133	230	1,716
Tri-County	555	499	232	161	366	442	53	97	2,405
Trident	668	1,057	274	298	1,405	1,403	0	0	5,105
Williamsburg	65	90	32	9	73	92	32	34	427
York	429	519	119	142	434	361	87	145	2,236
Total All Institutions	6,919	7,760	2,531	2,194	6,305	5,959	1,232	2,065	34,965

TEC Department of Planning & Research, HEGIS 2300-2.3B — July 1984.

APPENDIX G

STATE BOARD FOR TECHNICAL AND COMPREHENSIVE EDUCATION
ANNUALIZED UNDUPLICATED HEADCOUNT ENROLLMENT IN TECHNICAL COLLEGE PROGRAMS
FY 1976 THROUGH FY 1984

Colleges	*FY 1977*	*FY 1978*	*FY 1979*	*FY 1980*	*FY 1981*	*FY 1982*	*FY 1983*	*FY 1984*
Aiken	2,780	3,804	3,453	3,281	3,681	3,504	4,198	4,258
Beaufort	2,784	2,859	3,530	3,877	4,219	4,303	3,564	4,336
Chesterfield-Marlboro	2,565	3,136	5,165	5,823	6,249	4,790	4,326	3,930
Denmark	1,373	1,450	1,170	849	913	914	1,202	1,474
Florence-Darlington	9,575	11,173	9,775	9,567	11,486	9,253	9,663	8,628
Greenville	19,093	21,639	22,910	28,185	29,941	30,758	21,760	19,619
Horry-Georgetown	2,769	3,356	3,646	4,798	5,275	5,634	6,165	6,715
Midlands	13,830	14,797	16,547	16,636	18,567	21,713	20,064	17,424
Orangeburg-Calhoun	6,813	7,792	7,337	9,009	6,706	6,788	7,081	5,951
Piedmont	9,086	10,102	10,790	11,755	11,280	11,556	12,609	15,771
Spartanburg	6,984	8,076	7,664	7,129	6,507	6,560	6,446	6,121
Sumter	4,916	6,108	6,177	6,825	8,418	6,865	7,569	9,002
Tri-County	12,763	15,090	13,694	13,123	16,134	16,776	16,434	19,098
Trident	14,972	16,030	16,321	16,924	16,910	18,199	16,765	16,181
Williamsburg	2,742	2,845	2,676	2,357	2,027	2,603	3,051	1,726
York	4,085	4,836	4,999	4,898	5,348	6,189	5,724	5,320
JTPA	4,586	5,600	5,860	5,563	5,058	4,350	4,475	4,850
Special Schools	2,826	1,725	2,580	3,545	3,793	4,708	4,967	5,331
South Carolina Fire Academy	405	3,365	3,454	3,559	3,883	3,748	3,180	4,723
Total All Programs	124,947	143,783	147,748	157,703	166,395	169,211	159,243	160,458

(Includes enrollments/participants in all programs: Technical Education, Continuing Education, Community Service, restricted State and federal programs. Special Schools and Comprehensive Manpower are shown by program. Special Schools Data represent completions.)

APPENDIX H

TEC SYSTEM STUDENT CHARACTERISTICS FISCAL YEAR 1983-1984

	Headcount	*Percentage*
I. *Veteran Status*		
A. Vet GI Bill	7,168	12.76%
B. Vet Non-GI Bill	0	0.00%
C. Non Veteran	48,987	87.24%
D. Not Specified	0	0.00%
Total	56,155	100.00%
II. *Classification*		
A. Freshman	36,419	64.85%
B. Sophomore	19,736	35.15%
C. Unclassified	0	0.00%
Total	56,155	100.00%
III. *Ethnic Group*		
A. Black	14,630	26.05%
B. White	39,221	69.84%
C. Other	1,049	1.87%
D. Not Specified	1,255	2.23%
Total	56,155	100.00%
IV. *Sex*		
A. Male	27,592	49.14%
B. Female	28,563	50.86%
C. Not Specified	0	
Total	56,155	100.00%

APPENDIX I

STATE BOARD FOR TECHNICAL AND COMPREHENSIVE EDUCATION UNDUPLICATED HEADCOUNT ENROLLMENT BY COUNTY — FY 1983-1984 (TECHNICAL EDUCATION PROGRAM)

County	*Total*	*County*	*Total*
Greenville	7,681	Newberry	275
Richland	5,295	Kershaw	271
Charleston	5,288	Cherokee	267
Spartanburg	3,119	Colleton	259
Anderson	2,409	Marion	246
York	2,389	Union	228
Sumter	2,367	Barnwell	225
Lexington	2,187	Calhoun	207
Berkeley	1,970	Hampton	199
Orangeburg	1,716	Lee	193
Pickens	1,683	Dillon	186
Florence	1,668	Edgefield	160
Aiken	1,623	Fairfield	150
Horry	1,515	Saluda	147
Beaufort	1,509	Jasper	138
Dorchester	1,385	Allendale	100
Greenwood	1,262	McCormick	69
Oconee	942	Total in State	55,212
Chesterfield	759	Out of State	343
Darlington	726	Foreign	95
Williamsburg	701	Unknown	505
Laurens	695	Total	56,155
Georgetown	536		
Lancaster	513		
Marlboro	457		
Bamberg	410		
Chester	397		
Clarendon	374		
Abbeville	316		

APPENDIX J

PERCENTAGE OF 18-64 AGE POPULATION ATTENDING TECHNICAL COLLEGES BY SERVICE AREA — FY 1983-1984 (TECHNICAL EDUCATION AND CONTINUING EDUCATION PROGRAMS)

Technical College	*No. of Students Attending TEC From Respective Service Area*	*18 to 64 Age Population*	*Percentage of 18 to 64 Age Population Served*
Aiken	3,161	68,780	4.60%
Beaufort	3,420	85,938	3.98%
Chesterfield-Marlboro	2,969	42,593	6.97%
Denmark	536	29,372	1.82%
Florence-Darlington	6,166	113,085	5.45%
Greenville	14,239	197,262	7.22%
Horry-Georgetown	2,980	99,742	2.99%
Midlands	14,088	294,715	4.78%
Orangeburg-Calhoun	3,386	59,599	5.68%
Piedmont	11,353	127,254	8.92%
Spartanburg	4,375	132,918	3.29%
Sumter	8,000	107,798	7.42%
Tri-County	15,592	180,728	8.63%
Trident	15,821	303,773	5.21%
Williamsburg	907	22,481	4.03%
York	3,545	73,270	4.84%
Total TEC System	110,538	1,939,308	5.70%

(Note: 18 to 64 age group based on 1980 and 1990 Census Data provided by the Department of Research and Statistical Services. Excluded from this report are 6,745 students not identified by County of Residence.)

APPENDIX K

STATE BOARD FOR TECHNICAL AND COMPREHENSIVE EDUCATION
FY 1984-85 STUDENT FEES

Colleges	*In-County*		*Out-of-County*		*Out-of-State*		*Out-of-Country*	
	Full Time Per Quarter	*Part Time Per Hour*	*Full Time Per Quarter*	*Part Time Per Hour*	*Full Time Per Quarter*	*Part Time Per Hour*	*Full Time Per Quarter*	*Part Time Per Hour*
Aiken	$150.00	$12.00	$150.00	$12.00	$220.00	$18.00	$220.00	$18.00
Beaufort	$195.00	$13.50	$195.00	$13.50	$250.00	$19.75	$250.00	$19.75
Chesterfield-Marlboro**	$162.50	$13.54	$185.00	$15.42	$260.00	$21.67	$480.00	$39.99
Denmark	$175.00	$12.50	$175.00	$12.50	$250.00	$12.50	$250.00	$12.50
Florence-Darlington	$200.00	$17.00	$250.00	$21.00	$325.00	$28.00	$600.00	$50.00
Greenville	$155.00	$15.50	$172.50	$17.25	$287.50	$28.75	$677.50	$67.75
Horry-Georgetown	$175.00	$15.00	$175.00	$15.00	$350.00	$30.00	$525.00	$45.00
Midlands	$250.00	$21.00	$325.00	$28.00	$500.00	$42.00	$625.00	$53.00
Orangeburg-Calhoun	$175.00	$14.60	$225.00	$18.75	$275.00	$23.00	$275.00	$23.00
Piedmont**	$190.71	$15.93	$210.00	$17.50	$260.00	$22.00	$260.00	$22.00
Spartanburg	$135.00	$12.00	$170.00	$15.00	$270.00	$24.00	$405.00	$36.00
Sumter	$180.00	$15.00	$204.00	$17.00	$288.00	$24.00	$600.00	$50.00
Tri-County	$175.00	$15.00	$175.00	$15.00	$346.00	$30.00	$346.00	$30.00
Trident	$175.00	$15.00	$215.00	$18.00	$350.00	$30.00	$610.00	$51.00
Williamsburg	$125.00	$11.00	$125.00	$11.00	$125.00	$11.00	$645.00	$54.00
York	$132.00	$11.00	$159.00	$13.25	$264.00	$22.00	$264.00	$22.00

Compiled by Department of Student Services from data submitted by Chief Student Services Officers. Updated August 6, 1984.

Variable Student Fees for In-County Students:

Piedmont Technical College

In-County Student Fees	*Full Time*	*Part Time*
Saluda	$185.00	$15.50
Abbeville	$195.00	$16.25
Newberry	$195.00	$16.25
Edgefield	$185.00	$15.50
Greenwood	$195.00	$16.25
Laurens	$195.00	$16.25
McCormick	$185.00	$15.50
Average	$190.71	$15.93

Chesterfield-Marlboro Technical College

In-County Student Fees	*Deg. & Dip. Full Time*	*Part Time Per Hour*
Chesterfield	$160.00	$13.33
Marlboro	$165.00	$13.75
Average	$162.50	$13.54

APPENDIX L

STATEMENT OF FUND SOURCES AND CURRENT FUND EXPENDITURES FISCAL YEAR 1982-83

Source of Funds		
State Appropriations		$56,249,849
Federal Funds		1,081,148
Student Fees		16,189,634
County Appropriations		8,551,030
Auxiliary Enterprises		7,308,559
Other		2,651,369
Total Unrestricted Source of Funds		$92,031,589
Restricted Funds		
Federal		$19,936,000
Other		759,079
Total Restricted Source of Funds		$20,695,079
Current Unrestricted Fund Expenditures		
I. Administrative		
Personal Service	$1,248,413	
Other Operating Expense	486,085	
Equipment	10,396	
State Employer Contributions	206,079	
Total Administration		$ 1,950,973
II. Technical Education Institutions' Operation		
A. Institutions		
Personal Service	$53,884,392	
Other Operating Expense	19,833,506	
Transfers/Equipment	4,554,969	
State Employer Contributions	7,246,113	
Total Institutions	$85,518,980	
B. Central Data Processing		
Personal Service	$ 270,673	
Other Operating Expense	612,358	
Equipment	26,768	
State Employer Contributions	47,866	
Total Central Data Processing	$ 957,665	

C. State Fire Academy				
Personal Service	$	321,703		
Other Operating Expense		139,926		
Equipment		47,091		
State Employer Contributions		46,308		
Total State Fire Academy			$ 555,028	
D. Design for the 80's				
Personal Service	$	190,827		
Other Operating Expense		99,930		
Equipment		18,177		
State Employer Contributions		28,605		
Total Design for the 80's			$ 337,539	
Total TEC Educational Institution's Operation				$87,369,212
III. Industrial Service				
Personal Service	$	1,835,850		
Other Operating Expense		588,169		
Equipment		86,181		
State Employer Contributions		201,204		
Total Industrial Services			$2,711,404	
Total Current Unrestricted Fund Expenditures				$92,031,589

APPENDIX M

TECHNICAL EDUCATION INSTITUTIONS CURRENT FUND UNRESTRICTED REVENUES AND PROGRAM EXPENDITURES FISCAL YEAR 1982-83

Revenues		*% of Education and General*
Educational and General		
Student Fees	$16,189,634	20.7%
County Allocation	8,551,030	10.9%
State Operating Allocation[1]	49,639,833	63.5%
State Procured Equipment	190,672	.2%
Other	3,639,252	4.7%
Total Educational and General	$78,210,421	100.0%
Auxiliary Enterprises	7,308,559	
Total Unrestricted Revenue	$85,518,980	
Program Expenditures		
Educational and General		
Instruction	$33,587,392	42.3%
Academic and Student Support	11,072,505	14.0%
Plant Operations and Maintenance	10,339,096	13.0%
Administrative and General	19,821,200	25.0%
Local Capital Acquisitions/ Transfers	4,554,969	5.7%
Total Educational and General	$79,375,162	100.0%
Auxiliary Enterprises	6,143,818	
Total Program Expenditures	$85,518,980	

[1] Includes Employer Share